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(71) Applicant (for all designated States except US): SMITHKLINE BEECHAM CORPORATION [US/US]; Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(72) Inventors; and

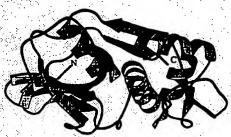
- (75) Inventors/Applicants (for US only): ABDEL-MEQUID Sherin, Salaheldin [US/US]; 236 Autumn Drive, Exton PA 19341 (US). CARR, Thomas, Joseph [US/US]; 27 Jonathan Drive, Phoenixville, PA 19460 (US). DESJAR-LAIS, Renee, Louise [US/US]; 11 Cornwall Circle, St. Davids, PA 19087 (US). GALLAGHER, Thimothy, Francis [US/US]; 255 Manor Road, Harleysville, PA 19438 (US). HALBERT, Stacie, Marie [US/US]; 149 Montgomery Drive, Harleysville, PA 19438 (US), JANSON, Cheryl, Ann [US/US]; 200 Ladbroke Road, Bryn Mawr, PA 19010 (US). MARQUIS, Robert, Wells, Jr. [US/US]; 115 Cambria Court, St. Davids, PA 19087 (US). OH, Hye-Ja [US/US]. 326 Long Ridge Lane, Exton, PA 19341 (US), RU, Yu [US/US]: 109 Gilmore Road, Havertown, PA 19083 (US). SMITH, Ward, Whitlock, Jr. [US/US]; 200 Ladbroke Road, Bryn Mawr, PA 19010 (US). THOMPSON, Scott, Kevin [US/US]; 75 Guilford Circle, Phoenixville, PA 19460 (US). VEBER, Daniel, Frank [US/US]; 290 Batleson Road, Ambler, PA 19002 (US). YAMASHITA, Dennis, Shinji [US/US]: 703 Edgewood Road, King of Prussia, PA 19406 (US). YEN, Jack, Hwekwo [US/US]; 273 Phoenixville Pike, Maivern, PA 19355 (US). ZHAO, Baoguang [CN/US]; 649 South Henderson Road, A312, King of Prussia, PA 19406
- (74) Agents: McCARTHY, Mary, E. et al.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
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(54) Title: METHOD OF INHIBITING CATHEPSIN K



Human Cathepsin K

A novel cathepsin K crystalline structure is identified. Also disclosed are methods of identifying inhibitors of this protease and methods of inhibiting cathepsin K using inhibitors with certain structural, physical and spatial characteristics.

# FOR THE PURPOSES OF INFORMATION ONLY

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# METHOD OF INHIBITING CATHEPSIN K

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#### Field of the Invention

This invention relates to a method of inhibiting cathepsin K by administering compounds with certain structural, physical and spatial characteristics that allow for the interaction of said compounds with specific residues of the active site of the enzyme. This interaction between the compounds of this invention and the active site inhibits the activity of cathepsin K and these compounds are useful for treating diseases in which said inhibition is indicated, such as osteoporosis and periodontal disease. This invention also relates to a novel crystalline structure of cathepsin K, the identification of a novel protease catalytic active site for this enzyme and methods enabling the design and selection of inhibitors of said active site.

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## Background of the Invention

Cathepsin K is a member of the family of enzymes which are part of the papain superfamily of cysteine proteases. Cathepsins B, H, L, N and S have been described in the literature. Recently, cathepsin K polypeptide and the cDNA encoding such polypeptide were disclosed in U.S. Patent No. 5,501,969 (called cathepsin O therein). Cathepsin K has been recently expressed, purified, and characterized. Bossard, M. J., et al., (1996) J. Biol. Chem. 271, 12517-12524; Drake, F.H., et al., (1996) J. Biol. Chem. 271, 12511-12516; Bromme, D., et al., (1996) J. Biol. Chem. 271, 2126-2132.

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Cathepsin K has been variously denoted as cathepsin O, cathepsin X or cathepsin O2 in the literature. The designation cathepsin K is considered to be the more appropriate one (name assigned by Nomenclature Committee of the International Union of Biochemistry and Molecular Biology).

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Cathepsins of the papain superfamily of cysteine proteases function in the normal physiological process of protein degradation in animals, including humans, e.g., in the degradation of connective tissue. However, elevated levels of these enzymes in the body can result in pathological conditions leading to disease. Thus, cathepsins have been implicated in various disease states, including but not limited to, infections by pneumocystis carinii, trypsanoma cruzi, trypsanoma brucei brucei, and Crithidia fusiculata; as well as in schistosomiasis malaria, tumor metastasis, metachromatic leukodystrophy, muscular dystrophy, amytrophy, and the like. See International Publication Number WO 94/04172, published on March 3, 1994, and

references cited therein. See also European Patent Application EP 0 603 873 A1, and references cited therein. Two bacterial cysteine proteases from P. gingivallis, called gingipains, have been implicated in the pathogenesis of gingivitis. Potempa, J., et al. (1994) Perspectives in Drug Discovery and Design, 2, 445-458.

Cathepsin K is believed to play a causative role in diseases of excessive bone or cartilage loss. Bone is composed of a protein matrix in which spindle- or plate-shaped crystals of hydroxyapatite are incorporated. Type I Collagen represents the major structural protein of bone comprising approximately 90% of the structural protein. The remaining 10% of matrix is composed of a number of non-collagenous proteins, including osteocalcin, proteoglycans, osteopontin, osteonectin, thrombospondin, fibronectin, and bone sialoprotein. Skeletal bone undergoes remodeling at discrete foci throughout life. These foci, or remodeling units, undergo a cycle consisting of a bone resorption phase followed by a phase of bone replacement.

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Bone resorption is carried out by osteoclasts, which are multinuclear cells of hematopoietic lineage. The osteoclasts adhere to the bone surface and form a tight sealing zone, followed by extensive membrane ruffling on their apical (i.e., resorbing) surface. This creates an enclosed extracellular compartment on the bone surface that is acidified by proton pumps in the ruffled membrane, and into which the osteoclast secretes proteolytic enzymes. The low pH of the compartment dissolves hydroxyapatite crystals at the bone surface, while the proteolytic enzymes digest the protein matrix. In this way, a resorption lacuna, or pit, is formed. At the end of this phase of the cycle, osteoblasts lay down a new protein matrix that is subsequently mineralized. In several disease states, such as osteoporosis and Paget's disease, the normal balance between bone resorption and formation is disrupted, and there is a net loss of bone at each cycle. Ultimately, this leads to weakening of the bone and may result in increased fracture risk with minimal trauma.

The abundant selective expression of cathepsin K in osteoclasts strongly suggests that this enzyme is essential for bone resorption. Thus, selective inhibition of cathepsin K may provide an effective treatment for diseases of excessive bone loss, including, but not limited to, osteoporosis, gingival diseases such as gingivitis and periodontitis, Paget's disease, hypercalcemia of malignancy, and metabolic bone disease. Cathepsin K levels have also been demonstrated to be elevated in chondroclasts of osteoarthritic synovium. Thus, selective inhibition of cathepsin K may also be useful for treating diseases of excessive cartilage or matrix degradation,

including, but not limited to, osteoarthritis and rheumatoid arthritis. Metastatic neoplastic cells also typically express high levels of proteolytic enzymes that degrade the surrounding matrix. Thus, selective inhibition of cathepsin K may also be useful for treating certain neoplastic diseases.

Surprisingly, it has been found that a broad, structurally diverse series of compounds have common structural, physical and spatial characteristics that allow for the interaction of said compounds with specific residues of the active site of cathepsin K and are useful for treating diseases in which inhibition of bone resorption is indicated, such as osteoporosis and periodontal disease. Thus, this invention relates to the method of inhibiting cathepsin K using compounds having the characteristics hereinbelow defined.

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#### Summary of the Invention

In one aspect, the present invention provides a method for inhibiting cathepsin K by administering compounds with certain structural, physical and spatial characteristics that allow for the interaction of said compounds with specific residues of the active site of the enzyme. This interaction inhibits the activity of cathepsin K and, thus, treats diseases in which bone resorption is a factor.

In another aspect, the present invention provides a novel cysteine protease in crystalline form.

In yet another aspect, the invention provides a novel protease composition characterized by a three dimensional catalytic site formed by the atoms of the amino acid residues listed in Table XXIX.

In still another aspect, the invention provides a method for identifying inhibitors of the compositions described above which methods involve the steps of: providing the coordinates of the protease structure of the invention to a computerized modeling system; identifying compounds which will bind to the structure; and screening the compounds or analogs derived therefrom identified for cathepsin K inhibitory bioactivity.

Other aspects and advantages of the present invention are described further in the following detailed description of the preferred embodiments thereof.

#### Brief Description of the Drawings

Figure 1 is the amino acid sequence of cathepsin K aligned with the amino acid sequences of other cysteine proteases.

Figure 2 is a ribbon diagram of cathepsin K. The amino and carboxyltermini are indicated by N and C. The drawing was produced using the program MOLSCRIPT [Kraulis, P., J. Appl. Crystallogr., 24, 946-950 (1991)].

Figure 3 is a ribbon diagram of cathepsin K in complex with E-64, a known inhibitor of cysteine proteases. The drawing was produced using the program MOLSCRIPT.

Figure 4a is an illustration of the active site of cathepsin K. Figure 4b is a stereoview of the active site of cathepsin K. For clarity, no hydrogen atoms or water molecules are shown.

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Figures 5a-13a are illustrations of the active site of cathepsin K in complex with novel inhibitors of cathepsin K. Figures 5b-13b are stereoviews of the active site of cathepsin K in complex with novel inhibitors of cathepsin K. These views depict the interaction of each inhibitor with all atoms of residues of the active site of cathepsin K within 5Å of the inhibitors. For clarity, no hydrogen atoms or water molecules are shown.

Table I provides the three dimensional protein coordinates of the cathepsin K crystalline structure of the invention.

Tables II-X provide the three dimensional coordinates for the cathepsin K complex with specific inhibitors of the present invention.

Tables XI-XIX provide listings of the three atom angles between atoms of the inhibitors and the protein for all inhibitor atoms within 5 Ångstroms of the protein.

Tables XX-XXVIII provide listings of the distances between atoms of the inhibitors and the protein for all inhibitor atoms within 5 Ångstroms of the protein.

Table XXIX provides the atoms of the amino acid residues of the catalytic site.

## Detailed Description of the Invention

The present invention provides a novel cysteine protease crystalline structure, a novel cysteine protease active site, and methods of use of the crystalline form and active site to identify protease inhibitor compounds.

In particular, the present invention provides a method for inhibiting cathepsin K by administering compounds with certain structural, physical and spatial characteristics that allow for the interaction of said compounds with specific residues

Specifically, the inhibitors of cathepsin K used in the present invention interact with any two or more of the following:

- 1. Tyrosine 67 sidechain;
- 2. Hydrophobic pocket lined with atoms from methinoine 68,
- 5 leucine 209, alanine 163, alanine 134 and portions of tyrosine 67;
  - 3. Hydrogen bonds donated by glycine 66 amide nitrogen;
  - 4. Cysteine 25 the active site nucleophile;
  - 5. Mainchain interactions from residues glutamine 21, cysteine 22, and glycine 23;
    - 6. Tryptophan 184 sidechain; and

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 Hydrophobic contacts with the sidechain atoms of glutamine 143 and asparagine 161 and the mainchain of alanine 137 and serine 138.

Preferably, the inhibitors of cathepsin K used in the present invention interact with any three or more of the above-identified regions of the active site.

The compounds used in the methods of the present invention possess an electrophilic carbon and either a hydrophobic group whose centroid is 5.44-6.94Å from the carbon or an aromatic group whose centroid is 9.24-11.24Å from the carbon, or both the hydrophobic and the aromatic groups in which case the centroids of these two groups should be 15.67-16.67Å apart. These features must be able to make the appropriate interactions with the cathepsin K active site. The electrophilic carbon atom should be 1.7-4.0Å from the side chain sulfur atom (SG) on the amino acid cysteine 25. The hydrophobic group should be near the following amino acids with appropriate distance ranges between the centroid of the side chain atoms and the centroid of the hydrophobic group given in parentheses: tyrosine 67 (4.91-5.91Å), methionine 68 (5.74-6.74Å), alanine 134 (4.15-5.15Å), leucine 160 (6.18-7.18Å), and leucine 209 (5.71-6.71Å). The aromatic group should be near the either tryptophan 184 (4.10-7.10Å) or tryptophan 188 (4.10-7.10Å) or both.

The key structural features of the inhibitors of the present invention include an electrophilic carbon, preferably the carbon of a carbonyl group, a hydrophobic group, preferably an isobutyl group, and an aromatic group, preferably a phenyl group. The electrophilic carbon of the inhibitor may be in the same compound with two hydrophobic groups, such as two isobutyl groups, or two aromatic groups, such as two phenyl groups, or one hydrophobic group and one aromatic group.

Suitably, the method of inhibiting cathepsin K of the present invention comprises administering to a mammal, preferably a human, in need thereof a

compound that fits spatially into the active site of cathepsin K, said compound comprising any two or more of the following:

- (i) an electrophilic carbon atom that binds to the side chain sulfur atom of cysteine 25 wherein said electrophilic carbon atom is 1.7-4.0Å from said sulfur atom;
- (ii) a hydrophobic group that interacts with tryptophan 184 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tryptophan 184 is 4.10-7.10Å;
- (iii) a hydrophobic group that interacts with tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209, creating a hydrophobic pocket, and has distance ranges between the centroid of said hydrophobic group and the centroids of the side chain atoms of the amino acid residues of said hydrophobic pocket which are tyrosine 67: 4.91-5.91Å, methionine 68: 5.74-6.74Å, alanine 134: 4.15-5.15Å, leucine 160: 6.18-7.18Å, and leucine 209: 5.71-6.71Å:

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- (iv) a hydrophobic group that interacts with tyrosine 67 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tyrosine 67 is 4.10-7.10Å;
- (v) an amino group with a pKa of less than 7 or an oxygen atom, each of which interacts with a hydrogen atom donated by the amide nitrogen of glycine 66 wherein the distance between these two atoms is 2.7-3.5Å;
- (vi) a hydrophobic group that interacts with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 wherein the distance between the centroid of said hydrophobic group and the centroids of glutamine 21, cysteine 22 and glycine 23 are 3.7-5.4, 4.9-5.7 and 5.4-6.7Å, respectively; or
- (vii) a hydrophobic group that interacts with the side chain atoms of glutamine 143 and asparagine 161 and the main chain of alanine 137 and serine 138 wherein the distance between the centroid of the hydrophobic group and the centroids of glutamine 143, asparagine 161, alanine 137, and serine 138 are 7.9-9.6Å, 4.7-5.4Å, 4.2-5.5Å, and 4.6-6.4Å, respectively. Preferably, the inhibitors of cathepsin K used in the present invention comprise three or more of the above.

Suitably, the method of inhibiting cathepsin K of the present invention comprises administering to a mammal, preferably a human, in need thereof, a compound that fits spatially into the active site of cathepsin K, said compound comprising:

 (i) an electrophilic carbon atom that binds to the side chain sulfur atom of cysteine 25 wherein said electrophilic carbon atom is 1.7-4.0Å from said sulfur atom; and

(ii) a hydrophobic group that interacts with tryptophan 184 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tryptophan 184 is 4.10-7.10Å. Preferably, the hydrophobic group that interacts with tryptophan 184 is an aromatic group and the centroid of this aromatic group is 9.24-11.24Å from the centroid of the electrophilic carbon that binds to the side chain sulfur atom of cysteine 25.

Preferably, the electrophilic carbon that binds to the side chain sulfur atom of cysteine 25 is a carbonyl carbon.

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Suitably, the method of the present invention further comprises a compound with a hydrophobic group that:

has a centroid which is 5.44-6.94Å from said electrophilic carbon;

interacts with tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209, creating a hydrophobic pocket; and

has distance ranges between the centroid of said hydrophobic group and the centroids of the side chain atoms of the amino acid residues of said hydrophobic pocket which are tyrosine 67: 4.91-5.91Å, methionine 68: 5.74-6.74Å, alanine 134: 4.15-5.15Å, leucine 160: 6.18-7.18Å, and leucine 209: 5.71-6.71Å. Preferably, this hydrophobic group is an isobutyl group.

Alternately, the method of the present invention further comprises a compound with a hydrophobic group that interacts with tyrosine 67 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tyrosine 67 is 4.10-7.10Å. Preferably, this hydrophobic group is an aromatic group.

Alternately, the method of the present invention further comprises a compound with an amino group with a pKa of less than 7 or an oxygen atom, each of which interacts with a hydrogen atom donated by the amide nitrogen of glycine 66 wherein the distance between these two atoms is 2.7-3.5Å. Preferably, the compound comprises an oxygen atom, such as an oxygen atom of a carbonyl group or an oxygen atom of a hydroxyl group.

Alternately, the method of the present invention further comprises a compound with a hydrophobic group that interacts with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 wherein the distance between the centroid

of the hydrophobic group and the centroids of glutamine 21, cysteine 22 and glycine 23 are 3.7-5.4, 4.9-5.7 and 5.4-6.7Å, respectively. Preferably, this hydrophobic group is an isobutyl group.

Alternately, the method of the present invention further comprises a compound with a hydrophobic group that interacts with the side chain atoms of glutamine 143 and asparagine 161 and the mainchain of alanine 137 and serine 138 wherein the distance between the centroid of the hydrophobic group and the centroids of glutamine 143, asparagine 161, alanine 137, and serine 138 are 7.9-9.6Å, 4.7-5.4Å, 4.2-5.5Å, and 4.6-6.4Å, respectively.

Compounds used in the method of the present invention include, but are not limited to, the following:

3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone;

4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-

15 [(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone;

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4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N-[N-(methyl)-L-leucyl)]-3pyrrolidinone;

4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone;

bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one;

2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-Lleucinyl)]carbohydrazide;

(1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide;

I-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one; and

2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide; or a pharmaceutically acceptable salt thereof.

As stated herein, the interaction of the inhibitor at the side chain sulfur atom of cysteine 25 has as one of its requirements that the inhibitor contain an "electrophilic carbon" atom. By this term is meant an electron deficient carbon. This term includes, but is not limited to, a carbonyl carbon atom. This term also includes an epoxide, a thiocarbonyl, an imine, and a nitrile. Suitably, this term may also be represented by the formula -C=N-X, wherein X may be optionally tied back to C in a ring or wherein X is CH<sub>2</sub>, H, O, S or NR<sup>2</sup> in which R<sup>2</sup> is H of C<sub>1-4</sub>alkyl.

includes an epoxide, a thiocarbonyl, an imine, and a nitrile. Suitably, this term may also be represented by the formula -C=N-X, wherein X may be optionally tied back to C in a ring or wherein X is CH<sub>2</sub>, H, O, S or NR<sup>2</sup> in which R<sup>2</sup> is H of C<sub>1-4</sub>alkyl.

The hydrophobic groups that interact with tryptophan 184 or tyrosine 67 include, but are not limited to, aromatic groups. These hydrophobic groups include phenyl,  $C_{1-6}$ alkyl and heteroaryl, which is defined hereinbelow. The hydrophobic groups that interact with the hydrophobic pocket lined with atoms from tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209 not only includes isobutyl, but also includes  $C_{1-6}$ alkyl,  $C_{3-6}$ cycloalkyl and adamantyl. The hydrophobic groups that interact with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 or the side chain atoms of glutamine 143 and asparagine 161 and the mainchain of alanine 137 and serine 138 include  $C_{1-10}$ alkyl,  $C_{b}F_{2b+1}$ , in which b is 1-3, and aryl and heteroaryl, each of which are defined hereinbelow.

As used herein, the term "centroid" means the position for the stated atoms calculated by averaging the x coordinates of the atoms to obtain the x coordinate of the centroid, averaging the y coordinates of the atoms to obtain the y coordinate of the centroid, and averaging the z coordinates of the atoms to obtain the z coordinate of the centroid.

The compounds used in the method of the present invention include, but are not limited to, the compounds of formula (I):

wherein:

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where:

$$A = absent, \qquad \begin{array}{c} P_1 \\ P_2 \\ P_3 \end{array}$$

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$$B = \bigvee_{X=Y}^{Z} , \quad \bigcap_{O} \bigcap_{R^{15}}^{R^{9}}$$

 $L = C_{2-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl, CH( $R^{66}$ )NR $^{60}$ R $^{68}$ , CH( $R^{66}$ )Ar, CH( $R^{66}$ )OAr', NR $^{66}$ R $^{67}$ ;

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 $M = C(0), SO_2;$ 

G=

J = C(O),  $SO_2$ ;

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T = Ar, Het;

 $V = C_{3-7}$ cycloalkyl;

 $W = H, -CN, -CF_3, -NO_2, -COR^7, -CO_2R^6, -CONHR^6,$   $-SO_2NHR^6, -NHSO_2R^6, -NHCOR^7, -O-COR^6, -SR^6,$   $NR'R^6, NR'(C=NH)NHR^5, Cl, Br, I, F;$ 

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X = Y = Z = N, O, S or CR^4.
                                     provided that at least two of X, Y and Z are heteroatoms
                                     and at least one of X, Y and Z is N, or one of X, Y and Z is
                                     C=N, C=C or N=N and the other two are CR4 or N.
                                     provided that X, Y and Z together comprise at least two N:
                           indicates a single or double bond in the five-membered
                          heterocycle:
                           m = 0, 1, 2;
                          n = 1 \text{ to } 6:
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                           f = 0, 1, 2;
                           Ar = phenyl, naphthyl, optionally substituted by one or more of
                                    Ph-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, C<sub>1-6</sub>alkoxy, Ph-C<sub>0-6</sub>alkoxy,
                                     Het-C<sub>0-6</sub>alkoxy, OH, (CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>,
                                    O(CH2)1-6NR58R59
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                           Ar' = phenyl or naphthyl, optionally substituted by one or more of
                                     Ph-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, C<sub>1-6</sub>alkoxy, Ph-C<sub>0-6</sub>alkoxy,
                                    Het-C<sub>0-6</sub>alkoxy, OH, (CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>,
                                    O(CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>, or halogen;
                           R' = H, C_{1-6}alkyl, Ar-C_{0-6}alkyl, Het-C_{0-6}alkyl;
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                           R^1 = H, C_{1-6}alkyl;
                           R^2 = C_{4-6}alkyl, C_{4-6}alkenyl, benzyl;
                          R^3 = C_{1-6}alkyl, Ar-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, R^5CO-, R^5SO<sub>2</sub>-,
                                    R<sup>5</sup>OC(O)-, R<sup>5</sup>NHCO-;
                          R^4 = H, C<sub>1</sub>-6alkyl, Ar-C<sub>0</sub>-6alkyl, Het-C<sub>0</sub>-6alkyl;
                          R^5 = Ar-0-6alkyl, Het-C_{0-6}alkyl;
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                          R^6 = H, C_{1-6}alkyl, CH_2CF_3, Ar-C_{0-6}alkyl, Het-C_{0-6}alkyl;
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 $R^7 = C_1$ -6alkyl, Ar-C<sub>0</sub>-6alkyl, Het-C<sub>0</sub>-6alkyl,

R<sup>8</sup> = H; C<sub>2-6</sub> alkenyl; C<sub>2-6</sub> alkynyl; Het; Ar; C<sub>1-6</sub> alkyl, optionally substituted by OR', SR', NR'<sub>2</sub>, CO<sub>2</sub>R', CO<sub>2</sub>NR'<sub>2</sub>, N(C=NH)NH<sub>2</sub>, Het or Ar;

 $R^9 = H, C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl;

 $R^{10} = C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl,

 $R^{11}$  = H, C<sub>1-6</sub>alkyl, Ar-C<sub>1-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, or

 $R^{12}$  = H,  $C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl;

 $R^{13} = H$ ,  $C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl;

$$R^{14} = \frac{R^{10}}{N - R^9 R^{72}}, Ac;$$

 $R^{15}$  = H,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, Ar, Het, or  $C_{1-6}$ alkyl optionally substituted by  $OR^9$ ,  $NR^9_2$ ,  $CONR^9_2$ , N(C=NH)NH-, Het or Ar;

 $R^{16} = C_{2-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, Ar, Het, or  $C_{2-6}$ alkyl optionally substituted by  $OR^9$ ,  $SR^9$ ,  $NR^9_2$ ,  $CO_2R^9$ .  $CONR^9_2$ , N(C=NH)NH-, Het or Ar;

 $R^{19} = H, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, Ar, Het, or C_{1-6}alkyl optionally substituted by OR<sup>9</sup>, SR<sup>9</sup>, NR<sup>9</sup><sub>2</sub>, CO<sub>2</sub>R<sup>9</sup>, CONR<sup>9</sup><sub>2</sub>, N(C=NH)NH-, Het or Ar; <math display="block">R^{17} = R^{72} = H, C_{1-6}alkyl, R^{10}, R^{10}C(O)-, R^{10}C(S)-, R^{10}OC(O)-;$ 

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 $R^{27} = R^{28}CO, R^{28}OCO;$ 

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R<sup>28</sup> = C<sub>1</sub>-6alkyl; C<sub>3</sub>- 11cycloalkyl; Ar; Het; T-C<sub>1</sub>-6alkyl;

T-(CH<sub>2</sub>)<sub>n</sub>CH(T)(CH<sub>2</sub>)<sub>n</sub>; optionally substituted by one or two halogens, SR<sup>20</sup>, OR<sup>20</sup>, NR<sup>20</sup>R<sup>73</sup>, C<sub>1</sub>-6alkyl;

 $R^{20} = R^{22} = R^{23} = R^{24} = R^{25} = R^{73} = H, C_{1-4}$ alkyl, Ar-C<sub>0-6</sub>6 alkyl, Het-C<sub>0-6</sub>6 alkyl;

 $R^{29} =$ 

Cbz-leucinyl-; 2-, 3-, or 4-pyridyl methyloxycarbonyl-leucinyl-; 4-imidazole acetyl-leucinyl-, phenyl acetyl-leucinyl, N,N-dimethyl-glycinyl leucinyl, 4-pyridyl acetyl-leucinyl, 2-pyridyl sulfonyl-leucinyl, 4-pyridyl carbonyl-leucinyl, acetyl-leucinyl, benzoyl-leucinyl, 4-phenoxy-benzoyl-, 2- or 3-benzyloxybenzoyl-, biphenyl acetyl, lpha- isobutyl-biphenyl acetyl, Cbz-phenylalaninyl, Cbz-norleucinyl-, Cbz-norvalinyl-, Cbz-glutamyl-, Cbz-

epsilon- (t-butyl ester)-glutamyl; acetyl-leucinyl-, 6- or 8- quinoline carbonyl, biphenyl acetyl; alpha- isobutyl-biphenyl acetyl; acetyl; benzoyl, 2- or 3- benzyloxy benzoyl, 4-phenoxy benzoyl-; Cbz-amino acid-; 2-,3-, or 4- pyridylmethyloxycarbonyl-aminoacid-; aryl C0-C6alkyloxy carbonyl-amino acid-, heteroaryl C0-C6alkyloxy carbonyl-amino acid-, aryl C0-C6alkyloxy carbonyl-amino acid-, heteroaryl C0-C6alkyloxy carbonyl-amino acid-, C1- C6alkyloxy carbonyl-amino acid-; C1-C6alkyl carbonyl, aryl C0-C6alkyl carbonyl, heteroaryl C0-C6alkyl carbonyl, aryl C0-C6alkyl carbonyl, heteroaryl C0-C6alkyl carbonyl, aryl C0-C6alkyl sulfonyl, heteroaryl C0-C6alkyl sulfonyl, aryl C0-C6alkyl sulfonyl,

 $R^{30} = -H, C_{1-6}$  alkyl;

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$$R^{31} =$$

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Cbz-leucinyl-; 2-, 3-, or 4-pyridyl methyloxycarbonyl-leucinyl-; 4-imidazole acetyl-leucinyl-, phenyl acetyl-leucinyl, N,N-dimethyl-glycinyl leucinyl, 4-pyridyl acetyl-leucinyl, 2-pyridyl sulfonyl-leucinyl, 4-pyridyl carbonyl-leucinyl, acetyl-leucinyl, benzoyl-leucinyl, 4-phenoxy-benzoyl-, 2- or 3-benzyloxybenzoyl-, biphenyl acetyl, alpha- isobutyl-biphenyl acetyl, Cbz-phenylalaninyl, Cbz-norleucinyl-, Cbz-norvalinyl-, Cbz-glutamyl-, Cbz-

epsilon- (t-butyl ester)-glutamyl; acetyl-leucinyl-, 6- or 8- quinoline carbonyl, biphenyl acetyl, alpha- isobutyl-biphenyl acetyl, acetyl, benzoyl, 2- or 3- benzyloxy benzoyl, 4-phenoxy benzoyl-, Cbz-amino acid-; 2-,3-, or 4-pyridylmethyloxycarbonyl-aminoacid-; aryl Co-C6alkyloxy carbonyl-amino acid-, heteroaryl Co-C6alkyloxy carbonyl-amino acid-, aryl Co-C6alkyloxy carbonyl-amino acid-, heteroaryl Co-C6alkyloxy carbonyl-amino acid-, C1-C6alkyloxy carbonyl-amino acid-; C1-C6alkyloxy carbonyl, aryl Co-C6alkyl carbonyl, heteroaryl Co-C6alkyl carbonyl, aryl Co-C6alkyl carbonyl, heteroaryl Co-C6alkyl carbonyl, aryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl;

 $R^{32} = OCH_2Ar$ ,  $OCH_2C_{1-6}$ alkyl, aryl substituted  $C_{0-6}$ alkyl, heteroaryl substituted  $C_{0-6}$ alkyl, 4-imidazole methylene; 2-, 3-, or 4-pyridylmethylneneoxy; 4-pyridyl methylene, 2-pyridyl sulfonyl, 4-pyridyl, aryl substituted  $C_{0-6}$ alkyloxy, heteroaryl substituted  $C_{0-6}$ alkyloxy;

 $R^{33} = C_1$ -6alkyl, -CH<sub>2</sub>Ph, -CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>R<sup>34</sup>

 $R^{34} = -H, C_{1-6}$ alkyl;

 $R^{35} = Ar$ , HetAr.

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R<sup>36</sup> = Aryl, heteroaryl, pyridyl, isoquinolinyl,

 $R^{37} = C_{1-6}$ alkyl, -CH<sub>2</sub>Ph, -CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>R<sup>34</sup>;

 $R^{38} = Cbz$ ;  $C_{1-6}$ alkyl or aryl substituted

Cbz; C<sub>1</sub>-6alkyl -CO; benzoyl; C<sub>1</sub>-6alkyl or aryl substituted benzoyl;

$$R^{39} =$$

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Cbz-leucinyl-; 2-, 3-, or 4-pyridyl methyloxycarbonyl-leucinyl-; 4-imidazole acetyl-leucinyl-, phenyl acetyl-leucinyl, N,N-dimethyl-glycinyl leucinyl, 4-pyridyl acetyl-leucinyl, 2-pyridyl sulfonyl-leucinyl, 4-pyridyl carbonyl-leucinyl, acetyl-leucinyl, benzoyl-leucinyl, 4-phenoxy-benzoyl-, 2- or 3-benzyloxybenzoyl-, biphenyl acetyl, alpha- isobutyl-biphenyl acetyl, Cbz-phenylalaninyl, Cbz-norleucinyl-, Cbz-norvalinyl-, Cbz-glutamyl-, Cbz-

epsilon- (t-butyl ester)-glutamyl; acetyl-leucinyl-, 6- or 8- quinoline carbonyl; biphenyl acetyl, alpha- isobutyl-biphenyl acetyl, acetyl, benzoyl; 2- or 3- benzyloxy benzoyl, 4-phenoxy benzoyl-, Cbz-amino acid-; 2-,3-, or 4- pyridylmethyloxycarbonyl-aminoacid-; aryl Co-C6alkyloxy carbonyl-amino acid-, heteroaryl Co-C6alkyloxy carbonyl-amino acid-, aryl Co-C6alkyloxy carbonyl-amino acid-, heteroaryl Co-C6alkyloxy carbonyl-amino acid-, C1- C6alkyloxy carbonyl-amino acid-; C1-C6alkyl carbonyl, aryl Co-C6alkyl carbonyl, heteroaryl Co-C6alkyl carbonyl, aryl Co-C6alkyl carbonyl, heteroaryl Co-C6alkyl carbonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl, aryl Co-C6alkyl sulfonyl, heteroaryl Co-C6alkyl sulfonyl;

 $R^{40} = H$  and  $C_{1-6}$ alkyl;

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 $R^{41} = H$  and  $C_{1-6}$ alkyl;

 $R^{42} = C_{1-6}$ alkyl, aryl substituted  $C_{1-6}$ alkyl and hetero aryl substituted  $C_{1-6}$ alkyl, H when  $R^{43}$  is  $C_{1-6}$ alkyl, aryl substituted  $C_{1-6}$ alkyl; and heteroaryl substituted  $C_{1-6}$ alkyl;

 $R^{43} = C_{1-6}$ alkyl, aryl substituted  $C_{1-6}$ alkyl and hetero aryl substituted  $C_{1-6}$ alkyl, H when  $R^{42}$  is  $C_{1-6}$ alkyl, aryl substituted  $C_{1-6}$ alkyl; and heteroaryl substituted  $C_{1-6}$ alkyl;

 $R^{44} = CH(R^{53})NR^{45}R^{54}, CH(R^{55})Ar, Cs_6alkyl;$ 

 $R^{45} = R^{46} = R^{47} = R^{48} = R^{49} = R^{50} = R^{51} = H$ ,  $C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl;

 $R^{52} = Ar$ , Het, CH( $R^{56}$ )Ar, CH( $R^{56}$ )OAr, N( $R^{56}$ )Ar, C<sub>1-6</sub>alkyl, CH( $R^{56}$ )NR<sup>46</sup>R<sup>57</sup>:

 $R^{53} = C_{2-6}$ alkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl,  $R^{53}$  and  $R^{45}$  may be connected to form a pyrrolidine or piperidine ring;

 $R^{54} = R^{57} = R^{47}, R^{47}C(O), R^{47}C(S), R^{47}OC(O)$ 

 $R^{55} = R^{56} = R^{58} = R^{59} = H, C_{1-6}$ alkyl, Ar-C<sub>0-6</sub>alkyl,

Het-C<sub>0-6</sub>alkyl;

 $R^{60} = R^{61} = R^{62} = R^{63} = R^{64} = H, C_{1-6}$ alkyl, Ar- $C_{0-6}$ alkyl, or Het- $C_{0-6}$ alkyl;

 $R^{65} = C_{1-6}$ alkyl, Ar, Het, CH( $R^{69}$ )Ar, CH( $R^{69}$ )OAr, N( $R^{69}$ )Ar, CH( $R^{69}$ )NR61R70.

 $R^{66} = R^{69} = R^{71} = H$ ,  $C_{1-6}$ alkyl,  $(CH_2)_{0-6}$ - $C_{3-6}$ cycloalkyl, Ar- $C_{0-6}$ alkyl, Het- $C_{0-6}$ alkyl;

R<sup>67</sup> = C<sub>1-6</sub>alkyl, (CH<sub>2</sub>)<sub>0-6</sub>-C<sub>3-6</sub>cycloalkyl, Ar-C<sub>0-6</sub>alkyl;

Het-C<sub>0-6</sub>alkyl; R<sup>66</sup> and R<sup>67</sup> may be combined to form
a 3-7 membered monocyclic or 7-10-membered bicyclic
carbocyclic or heterocyclic ring, optionally substituted with
1-4 of C<sub>1-6</sub>alkyl, Ph-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl; C<sub>1-6</sub>alkoxy,
Ph-C<sub>0-6</sub>alkoxy, Het-C<sub>0-6</sub>alkoxy, OH, (CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>,
O(CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>;

 $R^{68} = R^{70} = R^{62}$ ,  $R^{62}C(O)$ ,  $R^{62}C(S)$ ,  $R^{62}OC(O)$ ,  $R^{62}OC(O)NR^{59}CH(R^{71})(CO)$ ;

and pharmaceutically acceptable salts thereof.

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The compounds of Formula I are hydrazidyl, bis-hydrazidyl and bisaminomethyl carbonyl compounds having in common key structural features required of protease substrates, most particularly cathepsin K substrates. These structural features endow the present compounds with the appropriate molecular shape necessary to fit into the enzymatic active site, to bind to such active site.

thereby blocking the site and inhibiting enzymatic biological activity. Referring to Formula I, such structural features include the central electrophilic carbonyl, a peptidyl or peptidomimetic molecular backbone on either side of the central carbonyl, a terminal carbobenzyloxy moiety (e.g., Cbz-leucinyl), or a mimic thereof, on the backbone on one or both sides of the carbonyl, and optionally, an isobutyl side chain extending from the backbone on one or both sides of the carbonyl.

Abbreviations and symbols commonly used in the peptide and chemical arts are used herein to describe the compounds of the present invention. In general, the amino acid abbreviations follow the IUPAC-IUB Joint Commission on Biochemical Nomenclature as described in *Eur. J. Biochem.*, 158, 9 (1984). The term "amino acid" as used herein refers to the D- or L- isomers of alanine, arginine, asparagine, aspartic acid, cysteine, glutamine, glutamic acid, glycine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, proline, serine, threonine, tryptophan, tyrosine and valine.

"C1-6alkyl" as applied herein is meant to include substituted and unsubstituted methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl and t-butyl, pentyl, n-pentyl, isopentyl, neopentyl and hexyl and the simple aliphatic isomers thereof. Any C1-6alkyl group may be optionally substituted independently by one or two halogens, SR', OR', N(R')2, C(O)N(R')2, carbamyl or C1-4alkyl, where R' is C1-6alkyl. Coalkyl means that no alkyl group is present in the moiety. Thus, Ar-Coalkyl is equivalent to Ar.

"C3-11 cycloalkyl" as applied herein is meant to include substituted and unsubstituted cyclopropane, cyclobutane, cyclopentane, cyclohexane, cyclohexane, cyclohexane, cyclohexane, cyclooctane, cyclononane, cyclodecane, cycloundecane.

"C2-6 alkenyl" as applied herein means an alkyl group of 2 to 6 carbons wherein a carbon-carbon single bond is replaced by a carbon-carbon double bond. C2-6alkenyl includes ethylene, 1-propene, 2-propene, 1-butene, 2-butene, isobutene and the several isomeric pentenes and hexenes. Both cis and trans isomers are included.

"C2-6alkynyl" means an alkyl group of 2 to 6 carbons wherein one carbon-carbon single bond is replaced by a carbon-carbon triple bond. C2-6 alkynyl includes acetylene, 1-propyne, 2-propyne, 1-butyne, 2-butyne, 3-butyne and the simple isomers of pentyne and hexyne.

"Halogen" means F, Cl, Br, and I.

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"Ar" or "aryl" means phenyl or naphthyl, optionally substituted by one or more of Ph-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, C<sub>1-6</sub>alkoxy, Ph-C<sub>0-6</sub>alkoxy, Het-C<sub>0-6</sub>alkoxy, OH, (CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>, O(CH<sub>2</sub>)<sub>1-6</sub>NR<sup>58</sup>R<sup>59</sup>; where R<sup>58</sup>, R<sup>59</sup> is H, C<sub>1-6</sub>alkyl, Ar-C<sub>0-6</sub>alkyl, Het-C<sub>0-6</sub>alkyl, from C<sub>1-4</sub>alkyl, OR', N(R')<sub>2</sub>, SR', CF<sub>3</sub>, NO<sub>2</sub>, CN, CO<sub>2</sub>R', CON(R'), F, Cl. Br and I.

As used herein "Het" or "heterocyclic" represents a stable 5- to 7-membered monocyclic or a stable 7- to 10-membered bicyclic heterocyclic ring, which is either saturated or unsaturated, and which consists of carbon atoms and from one to three heteroatoms selected from the group consisting of N, O and S, and wherein the nitrogen and sulfur heteroatoms may optionally be oxidized, and the nitrogen heteroatom may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring. The heterocyclic ring may be attached at any heteroatom or carbon atom which results in the creation of a stable structure, and may optionally be substituted with one or two moieties selected from C1.4alkyl, OR', N(R')2, SR', CF3, NO2, CN, CO2R', CON(R'), F, Cl, Br and I, where R' is C1-6alkyl. Examples of such heterocycles include piperidinyl, piperazinyl, 2-oxopiperazinyl, 2-oxopiperidinyl, 2oxopyrrolodinyl, 2-oxoazepinyl, azepinyl, pyrrolyl, 4-piperidonyl, pyrrolidinyl, pyrazolyl, pyrazolidinyl, imidazolyl, pyridyl, pyrazinyl, oxazolidinyl, oxazolinyl, oxazolyl, isoxazolyl, morpholinyl, thiazolidinyl, thiazolinyl, thiazolyl, quinuclidinyl, indolyl, quinolinyl, isoquinolinyl, benzimidazolyl, benzopyranyl, benzoxazolyl, furyl, pyranyl, tetrahydrofuryl, tetrahydropyranyl, thienyl, benzoxazolyl, thiamorpholinyl sulfoxide, thiamorpholinyl sulfone, and oxadiazolyl.

"HetAr" or "heteroaryl" means any heterocyclic moiety encompassed by the above definition of Het which is aromatic in character, e.g., pyridine.

It will be appreciated that the heterocyclic ring, Z, includes thiazoles, oxazoles, triazoles, thiadiazoles, oxadiazoles, isoxazoles, isothiazols, imidazoles, pyrazines, pyridazines, pyrimidines, triazines and tetrazines which are available by routine chemical synthesis and are stable. The single and double bonds (i.e., --) in such heterocycles are arranged based upon the heteroatoms present so that the heterocycle is aromatic (e.g., it is a heteroaryl group). The term heteroatom as applied herein refers to oxygen, nitrogen and sulfur. When the heteroaryl group comprises a five membered ring, W is preferably an electron withdrawing group, such as halogen, -CN, -CF3, -NO2, -COR7, -CO2R6, -CONHR6, -SO2NHR6, -

NHSO<sub>2</sub>R<sup>6</sup>, -NHCOR<sup>7</sup>, -O-COR<sup>6</sup>, -SR<sup>6</sup> or NR'R<sup>6</sup>, or a similar electron withdrawing substituent as known in the art.

Certain radical groups are abbreviated herein. t-Bu refers to the tertiary butyl radical, Boc refers to the t-butyloxycarbonyl radical, Fmoc refers to the

fluorenylmethoxycarbonyl radical, Ph refers to the phenyl radical, Cbz refers to the benzyloxycarbonyl radical.

Certain reagents are abbreviated herein. DCC refers to dicyclohexylcarbodiimide, DMAP is 2,6-dimethylaminopyridine, EDC refers to N-ethyl-N'(dimethylaminopropyl)-carbodiimide. HOBT refers to 1-hydroxybenzotriazole, DMF refers to dimethyl formamide, BOP refers to

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benzotriazol-1-yloxy-tris(dimethylamino)phosphonium hexafluorophosphate,
DMAP is dimethylaminopyridine, Lawesson's reagent is 2,4-bis(4-methoxyphenyl)1,3-dithia-2,4-diphosphetane-2,4-disulfide, NMM is N-methylmorpholine, TFA
refers to trifluoroacetic acid, TFAA refers to trifluoroacetic anhydride and THF
refers to tetrahydrofuran. Jones reagent is a solution of chromium trioxide, water,

Compounds of formula (I) are prepared according to the methods detailed in Schemes 1-25.

and sulfuric acid well-known in the art.

# Scheme 1

a) FBuOCOCI, NMM, CH<sub>2</sub>N<sub>2</sub>, EtOAc, Et<sub>2</sub>O; b) HBr, AcOH, EtOAc, Et<sub>2</sub>O; c) H<sub>2</sub>NCSCO<sub>2</sub>Et, EtOH; d) NaOH, H<sub>2</sub>O, THF; e) FBuOCOCI, NMM, NH<sub>2</sub>, THF or BOP, Et<sub>3</sub>N, RNH<sub>2</sub>, CH<sub>2</sub>Ct<sub>2</sub>; f) TFAA, pyridine, CH<sub>2</sub>Ct<sub>2</sub>; g) R<sup>4</sup>OH, Boc<sub>2</sub>O, Pyridine or R<sup>4</sup>OH, EDCI, CH<sub>2</sub>Cl<sub>2</sub>; h) piperidine, DMF; i) BOP, Et<sub>3</sub>N, D-CO<sub>2</sub>H, CH<sub>2</sub>Cl<sub>2</sub>

# Scheme 1A

a) MeI, THF; b) R'NH2, i-PrOH; c) Bromomethyl ketone, EtOH

# Scheme 2

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a) i-BuOCOCl, NMM, NH<sub>3</sub>, THF; b) Lawesson's reagent, THF; c) BrCH<sub>2</sub>COCO<sub>2</sub>Et, TFAA, Pyridine, CH<sub>2</sub>Cl<sub>2</sub>; d) TFA; e) DCO<sub>2</sub>H, EDC•HCl, HOBT, Et<sub>3</sub>N, DMF; f) NaOH, H<sub>2</sub>O, THF

Scheme 2A

a) Boc-amino acid, EDC•HCl, 1-HOBT, DMF; b) TFA; c) R<sup>5</sup>OCOCl, i-Pr<sub>2</sub>NEt

# Scheme 3

- a) Boc<sub>2</sub>O, Et<sub>3</sub>N, THF; b) hydrazine hydrate, MeOH; c) EtO<sub>2</sub>CCOCl, Pyridine,
- 5 CH<sub>2</sub>Cl<sub>2</sub>; d) Lawesson's reagent, toluene; e) TFA, CH<sub>2</sub>Cl<sub>2</sub>; f) DCO<sub>2</sub>H, EDC•HCI/HOBT, Et<sub>3</sub>N, DMF

# Scheme 4

BocHN 
$$\bigcap_{O} \bigcap_{O} \bigcap_{O$$

a) SOCl<sub>2</sub>, pyridine, Et<sub>2</sub>O, toluene; b) TFA, CH<sub>2</sub>Cl<sub>2</sub>; c) DCO<sub>2</sub>H, EDC<sub>2</sub>HCI/HOBT,

5 Et<sub>3</sub>N, DMF; d) NH<sub>3</sub>, EtOH

# Scheme 5

a) EDC+HCVHOBT, Et<sub>3</sub>N, DMF; b) H<sub>2</sub>NNH<sub>2</sub>+H<sub>2</sub>O, MeOH; c) CSCl<sub>2</sub>, Et<sub>3</sub>N, CHCl<sub>3</sub>

Scheme 6

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a) H2NCS2 NH4+, EtOH; b) H2NCSNH2, EtOH

# Scheme 7

a) Et<sub>2</sub>NO; b) H<sub>2</sub>NCH<sub>2</sub>CH(NH<sub>2</sub>)CO<sub>2</sub>H

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# Scheme 8

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a) i. i-BuOCOCI, NMM, THF; ii. CH<sub>2</sub>N<sub>2</sub>, Et<sub>2</sub>O; b) HBr, AcOH, Et<sub>2</sub>O; c) H<sub>2</sub>NCSCO<sub>2</sub>Et, EtOH; d) R<sup>63</sup>NHNH<sub>2</sub>, EtOH; e) R<sup>65</sup>CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF.

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## Scheme 9

LCO<sub>2</sub>H 
$$\xrightarrow{a}$$
 LCONH<sub>2</sub>  $\xrightarrow{b}$  LCSNH<sub>2</sub>  $\xrightarrow{c}$   $\xrightarrow{S}$   $\xrightarrow{Q}$  CO<sub>2</sub>Et  $\xrightarrow{Q}$  3 4 4  $\xrightarrow{S}$   $\xrightarrow{N}$  CONHNH<sub>2</sub>  $\xrightarrow{E \text{ or } 1}$   $\xrightarrow{N}$   $\xrightarrow{N$ 

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a) i-BuOCOCI, NMM, NH<sub>3</sub>, THF; b) Lawesson's reagent, THF; c) i. EtO<sub>2</sub>CCOCH<sub>2</sub>Br; ii. TFAA, Py, CH<sub>2</sub>Cl<sub>2</sub>; d) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; e) R<sup>65</sup>SO<sub>2</sub>Cl, Py, CH<sub>2</sub>Cl<sub>2</sub>; f) R<sup>65</sup>CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF.

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a) EDC•HCI, HOBT, DMF; b) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; c) R <sup>14</sup>-B-CO<sub>2</sub>H, EDC•HCL, HOBT, DMF

# Scheme 11

a) EDC.HCI, 1-HOBT, DMF

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## Scheme 12

a) H<sub>2</sub>NNH<sub>2</sub>·H<sub>2</sub>O, MeOH; b) Cl<sub>2</sub>CO, PhMe; c) H<sub>2</sub>NNH<sub>2</sub>·H<sub>2</sub>O, MeOH; d) R<sup>49</sup>CO<sub>2</sub>H,EDC HCl, 1-HOBT, DMF; e) R<sup>52</sup>SO<sub>2</sub>Cl or R<sup>52</sup>COCl, pyridine, DMF; l) R<sup>52</sup>CO<sub>2</sub>COR<sup>52</sup>; g) R<sup>52</sup>CONR<sup>51</sup>NH<sub>2</sub>

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# Scheme 12A

a) i. PhCHO, EtOH; ii. BH3 THF; b)  $\mathrm{Cl}_2\mathrm{CO}$ , PhMe; c)  $\mathrm{H}_2\mathrm{NNH}_2$ : $\mathrm{H}_2\mathrm{O}$ , MeOH; d)  $\mathrm{R}^{52}\mathrm{CO}_2\mathrm{H}$ , EDC:HCl, 1-HOBT, DMF; e)  $\mathrm{R}^{52}\mathrm{SO}_2\mathrm{Cl}$  or  $\mathrm{R}^{52}\mathrm{COCl}$ , pyridine, DMF; f)  $\mathrm{R}^{52}\mathrm{CO}_2\mathrm{COR}^{52}$ 

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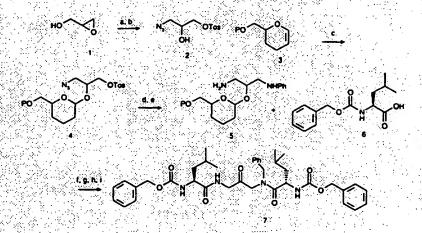
a) HBTU, NMM, DMF; b) Jones, acetone

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15 a) NMM, DMF; b) Jones, acetone

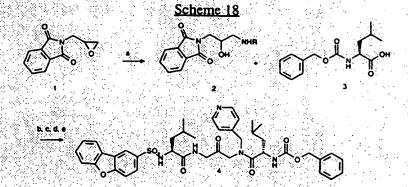
# 5 a) EDCI, HOBT, DMF, b) NMM, DMF, 3) Jones, acetone

## Scheme 17



a) NaN3, MeOH, H2O; b) Tosyl chloride, triethylamine, CH2Cl2; c)
 Ellman dihydropyran resin (3), PPTS, Cl(CH2)2Cl; d) PhCH2NH2, toluene,
 80 degrees C; e) HATU, N-methyl morpholine, NMP; f) HS(CH2)3SH,
 MeOH, Et3N; g) Cbz-leucine (6), HBTU, N-methyl morpholine, NMP; h)
 TFA, CH2Cl2, Me2S; i) Jones reagent, acetone

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15 a) 4-pyridyl methyl amine, isopropanol, reflux; b) Cbz-leucine, HBTU, N-methyl morpholine, DMF; c) hydrazine, MeOH, reflux; d) 2-dibenzofuransulfonyl chloride, N-methyl morpholine, DMF; e) Jones reagent, acetone

## Scheme 19

5 a) KOH, MeOH/H2O, b) R<sup>66</sup>NHNH<sub>2</sub>, EtOH, c) EDC•HCl, 1-HOBT, DMF

## Scheme 20

a) Thiourea, EtOH; b) i. NaNO<sub>2</sub>, 16% aqueous HBr; ii. CuBr, 16% aqueous HBr; iii. HBr (cat.), EtOH; c) ArB(OH)<sub>2</sub>, Pd(PPh<sub>3</sub>)<sub>4</sub>, CsF, DME; d) ArSnMe<sub>3</sub>, Pd(PPh<sub>3</sub>)<sub>4</sub>, PhMe; e) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; e) R<sup>65</sup>CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF.

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### Scheme 21

a) R<sup>67</sup>NH<sub>2</sub>, Py, CH<sub>2</sub>Cl<sub>2</sub>; b) LiAlH<sub>4</sub>, THF; c) i. Cl<sub>2</sub>CS, Py, CH<sub>2</sub>Cl<sub>2</sub>; ii. NH<sub>3</sub>, MeOH or L PhCONCS, CHCl<sub>3</sub>; ii. K<sub>2</sub>CO<sub>3</sub>, MeOH, H<sub>2</sub>O; d) EtO<sub>2</sub>CCOCH<sub>2</sub>Br, EtOH; e) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; e) R<sup>65</sup>CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF.

10 Scheme 22

a) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; b) LCO<sub>2</sub>CO<sub>2</sub>i-Bu, 200 °C; c) H<sub>2</sub>NNH<sub>2</sub>•H<sub>2</sub>O, EtOH; d) 15 R<sup>65</sup>CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF

### Scheme 23

a) TFA; b) R62CO<sub>2</sub>H, EDC•HCl, 1-HOBT, DMF; c) R62SO<sub>2</sub>Cl, i-Pr<sub>2</sub>NEt

## Scheme 24

5 a) EDCI, DMF; b) 2-PhCH<sub>2</sub>OPhSO<sub>2</sub>Cl, NMM, DMF; c) TFA, DCM; d) 4-pyridyl acetic acid, HBTU, NMM, DMF; e) Jones

Scheme 25

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a) HBTU, NMM, DMF, allyl amine; b) mCPBA, DCM; c) MeNH<sub>2</sub>, isopropanol, 70 C; d) Cbz-leucine, EDCI, DMF; e) Jones, acetone

In another aspect, the present invention provides a novel cysteine protease in crystalline form, as defined by the positions in Table I herein.

In still another aspect, the present invention provides a novel protease composition characterized by a three dimensional catalytic site formed by the atoms of the amino acid residues listed in Table XXIX herein.

The three dimensional (3D) structure of the instant protease reveals that human cathepsin K is highly homologous to other known cysteine proteinases of the papain family. Cathepsin-K folds into two subdomains separated by the active site. cleft, a characteristic of the papain family of cysteine proteases. The overall fold of cathepsin K is very similar to that of papain and actinidin. There is an insertion of one additional residue in cathepsin K at residue alanine 79 compared to papain. This insertion is easily accommodated in the turn at the carboxy terminal end of the helix formed by residues methionine 68-lysine 77 of cathepsin K. There is a different conformation for the backbone atoms of residues asparagine 99 to lysine 103 at the surface of cathepsin K compared to that in papain. Other differences in the backbone conformations between cathepsin K and papain are: a two residue insertion in loop residues 126-127, a two residue insertion at residue aspartate 152, the insertion of 4 residues at glutamine 172 and a difference in the conformation of the loop around residue lysine 200. There are many more differences in the structure of human cathepsin K and human cathepsin B, however, the secondary structure is preserved well between these two enzymes.

Listed in Figure 1 are the known amino acid sequences for the papain superfamily of cysteine proteases cathepsin K, cathepsin S, cathepsin L, papain, actinidin, cathepsin H and cathepsin B, aligned to illustrate the homologies there between.

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According to the present invention the crystal structure of human cathepsin K has been determined in the absence of inhibitor and in complex with nine separate inhibitors at resolutions from 3.0 to 2.2 Ångstroms. The structures were determined using the method of molecular replacement and refined to R<sub>c</sub> values ranging from 0.190-0.267 with the exception of the enzyme in the absence of inhibitor which was not refined.

Further refinement of the atomic coordinates will change the numbers in Table I. Refinement of the crystal structure from another crystal form will result in a new set of coordinates, determination of the crystal structure of another cysteine

protease will also result in different set of numbers for coordinates in Table I which has an experimental error of approximately 0.4 Ångstroms. Also for example, the amino acid sequence of the cysteine proteases can be varied by mutation derivatization or by use of a different source of the protein.

Human cathepsin K contains 215 amino acids and the model of the enzyme provided herein is represented by all 215 residues.

The cathepsin K crystal structure reveals an active site that is heretofor unknown and comprises a distinct three dimensional arrangement of atoms.

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Table I discloses the protein coordinates of cathepsin K. These data are reported for the crystal structures described herein. The data are reported in Angstroms with reference to an orthogonal coordinate system in standard format, illustrating the atom, i.e., nitrogen, oxygen, carbon, sulfur (at  $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\delta$ , or  $\epsilon$ , positions in the amino acid residues); the amino acid residue in which the atom is located with amino acid number, and the coordinates X, Y and Z in Angstroms (Å) from the crystal structure. Note that each atom in the active site and the entire structure has an unique position in the crystal. The data also report the B or Temperature Factor values, which indicate the degree of thermal motion of the atom in root mean square displacement measurements (Å<sup>2</sup>). Figure 2 illustrates the cathepsin K structure of the invention, including the active site.

The active site of cathepsin K bound to E-64 is shown in Figure 3. The conformation of E-64 bound to cathepsin K resembles that seen in the published structures of the papain-E-64 complex (Varughese, K.I., Biochemistry 28, 1330-1332 (1989)) and actinidin-E-64 Varughese, K.I., Biochemistry 31, 5172-5176 (1992)). The covalent bond between the sulfur of cysteine 25 and the carbon C2 of the inhibitor is very clear in the electron density. Differences in the sidechain atoms lining the active site pockets on the enzyme of the various members of the papain family of cysteine proteases give rise to different interactions between the atoms of E-64 and the protein in these structures. In cathepsin K, the isobutyl atoms of the leucine lie well buried in the hydrophobic pocket formed by the side chain atoms of the cathepsin K residues leucine 160, alanine 134 and methionine 68 shielding these atoms of E-64 from solvent. In papain the leucyl side chain atoms of E-64 do not penetrate as deeply into this hydrophobic pocket. Another pocket of cathepsin K is occupied by the guanidinium atoms of E-64. A hydrogen bond forms between N4 of E-64 and the backbone carbonyl oxygen of glutamate 59 and the OD2 oxygen of aspartate 61. The carboxylate oxygen of aspartate 61 also makes a hydrogen bond

with the N3 atom of E-64. The sidechain atoms of aspartate 61 lie at the entrance to this pocket in cathepsin K. These interactions are not possible in papain because the corresponding residue in papain is tyrosine 61 which blocks access. The carboxylate oxygens of E-64 make hydrogen bonding interactions with the ND1 atom of histidine 162 and the NE2 atom of glutamine 19. These interactions are also seen in papain and actinidin. The atoms of E-64 do not penetrate the complete region of the enzyme active site. As in papain, the backbone nitrogen atoms of residue glycine 66 in cathepsin K makes a hydrogen bond with the carbonyl oxygen atom O4 of the E-64. Also, the carbonyl oxygen of glycine 66 of cathepsin K forms a hydrogen bond with N2 of E-64. A portion of the regions of the active site are very similar in conformation in cathepsin K, papain and actinindin. A comparison of the active site of cathepsin K and cathepsin B reveals many more differences than observed in comparing papain or actinidin to cathepsin K. A portion of the active site of cathepsin B differs significantly from the corresponding portion of the active site in cathepsin K. The presence of the loop glutamate 107 - proline 116 in human cathepsin B is presumed responsible for the dipeptidyl carboxypeptidase activity of this enzyme and has no equivalent in cathepsin K, papain or actinidin. This loop makes this region of the active site of cathepsin B much smaller than in the other members of this papain family of cysteine proteases including cathepsin K. Despite 20 the differences between the active sites of human cathepsin B and cathepsin K, the active site cysteine residues are almost exactly superimposed by an alignment of structurally homologous alpha carbon atoms in cathepsin B and cathepsin K Differences in the hydrophobic pocket near leucine 160 in cathepsin K are also evident in cathepsin B. The residues forming this pocket are replaced by proline 78 in place of methionine 68 in cathepsin K and glutamate 243 in cathepsin B is structurally equivalent to leucine 160 in cathepsin K. Interestingly, the residues whose sidechain atoms form hydrogen bonds to the E-64 inhibitor in cathepsin K. namely histidine 162, glutamine 19 and aspartate 61, have structurally homologous residues in cathepsin B, namely histidine 197, glutamine 23 and aspartate 67 respectively.

Specific interactions of certain inhibitors of the present invention at the active site of cathepsin K are detailed hereinbelow.

3 (S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone makes hydrophobic contacts with the enzyme residues indole ring of tryptophan 184 and the sidechain atom CG of glutamine 19. Oxygen O26 forms a

bifurcated hydrogen bond with the amide nitrogen of cysteine 25 and the NE2 atom of glutamine 19. The active site nucleophilic sulfur of residue cysteine 25 is covalently linked to carbon C25 of the inhibitor, which adopts a tetrahedral conformation.

Bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one exhibits the same interaction as 3 (S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone; carbon C21 of this inhibitor is covalently linked to SG of cysteine 25. The isopropyl atoms CC34,C35,C36 and C37 of the inhibitor form hydrophobic interactions with the sidechain atoms of residues on the enzyme surface, which form a hydrophobic pocket. This pocket is formed by atoms from methionine 68, leucine 209, alanine 163 and alanine 134 and portions of tyrosine 67.

2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide has interactions similar to bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one and, in addition, the atoms C23-29 of the inhibitor CBZ group make an edge-face stacking interaction with the phenol ring of tyrosine 67. Inhibitor atom C21 is covalently bound the enzyme.

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The sulfur atom of (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide contacts the ND1 atom of histidine 163 and the indole ring of tryptophan 184. Carbon C22 is covalently attached to SG of cysteine 25.

The CBZ atoms C20-26 of 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide interact with the sidechain atoms of leucine 160. Carbon C19 is covalently attached to SG of cysteine 25.

Cathepsin K binds selectively one stereoisomer of 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone. Carbon C22 is covalently attached to SG of cysteine 25. Atoms C14 and C15 of the inhibitor 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone form hydrophobic contacts with the sidechain atoms of glutamine 143 and asparagine 161 and the mainchain of alanine 137 and serine 138.

4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone interacts in a similar manner to 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone. Again one stereoisomer is bound. Carbon C17 is covalently attached to SG of cysteine 25. The interaction of 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl]-3-pyrrolidinone is

the same as for 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone, except carbon C22 is covalently attached to SG of cysteine 25.

Atom O24 of 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one forms a hydrogen bond interaction with the amide NH of glycine 66. Carbon C19 is covalently attached to SG of cysteine 25.

In summary, all inhibitors exhibit an aromatic interaction with atoms of the indole of Tryptophan 184. Isopropyl atoms C12-15 of 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide and (1S)-N-[2-[(1-

- benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide make hydrophobic contacts with main chain atoms of residues glutamine 21, cysteine 22 and glycine 23. The NE2 atom of glutamine 19 is able to donate a hydrogen bond to oxygen atom 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide:O22, 1-N-(N-imidazole acetyl-
- leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one:O20, 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucyl)]-2-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-

[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone:O23, bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one:O22, 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-

- 20 methyl-1-(1-propoxy)-2-hexanone:O26, 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone:O42, (1S, 2'R)-N-2-[[(1-benzyloxycarbonyl)amino]-3-methylbutyl]thiazol-4-ylcarbonyl-N'-2'-(benzyloxycarbonyl)amino-4'-methylpenanoylhydrazide:O23, 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-
- pyrrolidinone:O23. The backbone amide nitrogen of glycine 66 donates a hydrogen bond to 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide:O39, 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one:O24, 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide:O37, 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-
- [(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone:O40, bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one:O39, (1S, 2'R)-N-2-[[(1-benzyloxycarbonyl)amino]-3-methylbutyl]thiazol-4-ylcarbonyl-N'-2'-(benzyloxycarbonyl)amino-4'-methylpenanoylhydrazide:O40, 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone:O31. The hydrophobic pocket lined with atoms
- from residues methionine 68, leucine 209, alanine 163 and alanine 134 and portions

of tyrosine 67 interact with the isopropyl atoms; bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one:C34-37, 2,2'-N;N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide: C34-37, (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide; ;C35-38, 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide:C32-35, 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone:C35-38, 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone:C19-22, 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one:C26-29. All inhibitors except 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone and 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl])-3-pyrrolidinone have aromatic groups that interact with tyrosine 67 on the protein. All inhibitors are covalently linked to the cysteine 25 SG atom through an inhibitor carbon atom.

The crystal structure of the protease of the present invention reveals the three dimensional structure of novel active site formed by the atoms of the amino acid residues listed in Table XXIX.

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This structure is clearly useful in the structure-based design of protease inhibitors, which may be used as therapeutic agents against diseases in which inhibition of bone resorption is indicated. The discovery of the novel cathepsin K catalytic site permits the design of potent, highly selective protease inhibitors.

Another aspect of this invention involves a method for identifying inhibitors of cathepsin K characterized by the crystal structure and novel active site described herein, and the inhibitors themselves. The novel protease crystal structure of the invention permits the identification of inhibitors of protease activity. Such inhibitors may bind to all or a portion of the active site of cathepsin K; or even be competitive or non-competitive inhibitors. Once identified and screened for biological activity, these inhibitors may be used therapeutically or prophylactically to block protease activity.

One design approach is to probe the cathepsin K of the invention with molecules composed of a variety of different chemical entities to determine optimal sites for interaction between candidate cathepsin K inhibitors and the enzyme. For example, high resolution X-ray diffraction data collected from crystals saturated with solvent allows the determination of where each type of solvent molecule sticks.

Small molecules that bind tightly to those sites can then be designed and synthesized and tested for their cathepsin K inhibitor activity:

This invention also enables the development of compounds that can isomerize to short-lived reaction intermediates in the chemical reaction of a substrate or other compound that binds to or with cathepsin K. Thus, the time-dependent analysis of structural changes in cathepsin K during its interaction with other molecules is permitted. The reaction intermediates of cathepsin K can also be deduced from the reaction product in co-complex with cathepsin K. Such information is useful to design improved analogues of known cysteine protease inhibitors or to design novel classes of inhibitors based on the reaction intermediates of the cathepsin K enzyme and cathepsin K inhibitor co-complex. This provides a novel route for designing cathepsin K inhibitors with both high specificity and stability.

Another approach made possible by this invention, is to screen computationally small molecule data bases for chemical entities or compounds that can bind in whole, or in part, to the cathepsin K enzyme. In this screening, the quality of fit of such entities or compounds to the binding site may be judged either by shape complementarity [R. L. DesJarlais et al., J. Med. Chem. 31:722-729 (1988)] or by estimated interaction energy [E. C. Meng et al., J. Comp. Chem., 13:505-524 (1992)].

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Because cathepsin K may crystallize in more than one crystal form, the structure coordinates of cathepsin K, or portions thereof, as provided by this invention are particularly useful to solve the structure of those other crystal forms of cathepsin K. They may also be used to solve the structure of cathepsin K mutants, cathepsin K co-complexes, or of the crystalline form of any other protein with significant amino acid sequence homology to any functional domain of cathepsin K.

One method that may be employed for this purpose is molecular replacement. In this method, the unknown crystal structure, whether it is another crystal form of cathepsin K, a cathepsin K mutant, or a cathepsin K co-complex, or the crystal of some other protein with significant amino acid sequence homology to any functional domain of cathepsin K, may be determined using the cathepsin K structure coordinates of this invention as provided in Table I. This method will provide an accurate structural form for the unknown crystal more quickly and efficiently than attempting to determine such information ab initio.

Thus, the cathepsin K structure provided herein permits the screening of known molecules and/or the designing of new molecules which bind to the protease structure, particularly at the active site, via the use of computerized evaluation systems. For example, computer modeling systems are available in which the sequence of the protease, and the protease structure (i.e., atomic coordinates of cathepsin K and/or the atomic coordinate of the active site cavity, bond angles, dihedral angles, distances between atoms in the active site region, etc. as provided by Table I may be input. Thus, a machine readable medium may be encoded with data representing the coordinates of Table I in this process. The computer then generates structural details of the site into which a test compound should bind, thereby enabling the determination of the complementary structural details of said test compound.

More particularly, the design of compounds that bind to or inhibit cathepsin K according to this invention generally involves consideration of two factors. First, the compound must be capable of physically and structurally associating with cathepsin K. Non-covalent molecular interactions important in the association of cathepsin K with its substrate include hydrogen bonding, van der Waals and hydrophobic interactions.

Second, the compound must be able to assume a conformation that allows it to associate with cathepsin K. Although certain portions of the compound will not directly participate in this association with cathepsin K, those portions may still influence the overall conformation of the molecule. This, in turn, may have a significant impact on potency. Such conformational requirements include the overall three-dimensional structure and orientation of the chemical entity or compound in relation to all or a portion of the binding site, e.g., active site or accessory binding site of cathepsin K, or the spacing between functional groups of a compound comprising several chemical entities that directly interact with cathepsin K.

The potential inhibitory or binding effect of a chemical compound with cathepsin K may be estimated prior to its actual synthesis and testing by the use of computer modeling techniques. If the theoretical structure of the given compound suggests insufficient interaction and association between it and cathepsin K, synthesis and testing of the compound is obviated. However, if computer modeling indicates a strong interaction, the molecule may then be synthesized and tested for

its ability to bind to cathepsin K in a suitable assay. In this manner, synthesis of inoperative compounds may be avoided.

An inhibitory or other binding compound of cathepsin K may be computationally evaluated and designed by means of a series of steps in which chemical entities or fragments are screened and selected for their ability to associate with the individual binding pockets or other areas of cathepsin K.

One skilled in the art may use one of several methods to screen chemical entities or fragments for their ability to associate with cathepsin K and more particularly with the individual binding pockets of the cathepsin K active site or accessory binding site. This process may begin by visual inspection of, for example, the active site on the computer screen based on the cathepsin K coordinates in Table I. Selected fragments or chemical entities may then be position cathepsin K. Docking may be accomplished using software such as Quanta and Sybyl, followed by energy minimization and molecular dynamics with standard molecular mechanics forcefields, such as CHARMM and AMBER.

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Specialized computer programs may also assist in the process of selecting fragments or chemical entities. These include:

- GRID [P. J. Goodford, "A Computational Procedure for Determining Energetically Favorable Binding Sites on Biologically Important Macromolecules", J. Med. Chem., 28:849-857 (1985)]. GRID is available from Oxford University, Oxford, UK.
- MCSS [A. Miranker and M. Karplus, "Functionality Maps of Binding Sites: A Multiple Copy Simultaneous Search Method", Proteins: Structure, Function and Genetics, 11:29-34 (1991)]. MCSS is available from Molecular Simulations, Burlington, MA.
- AUTODOCK [D. S. Goodsell and A. J. Olsen, "Automated Docking of Substrates to Proteins by Simulated Annealing", Proteins: Structure, Function, and Genetics, 8:195-202 (1990)]. AUTODOCK is available from Scripps Research Institute, La Jolla, CA.
- DOCK [I. D. Kuntz et al, "A Geometric Approach to Macromolecule-Ligand Interactions", <u>J. Mol. Biol.</u>, <u>161</u>:269-288 (1982)]. DOCK is available from University of California, San Francisco, CA.

Additional commercially available computer databases for small molecular compounds includes Cambridge Structural Database and Fine Chemical Database, for a review see Rusinko, A., Chem. Des. Auto. News 8, 44-47 (1993).

Once suitable chemical entities or fragments have been selected, they can be assembled into a single compound or inhibitor. Assembly may be proceeded by visual inspection of the relationship of the fragments to each other on the three-dimensional image displayed on a computer screen in relation to the structure coordinates of cathepsin K. This would be followed by manual model building using software such as Quanta or Sybyl.

Useful programs to aid one of skill in the art in connecting the individual chemical entities or fragments include:

• CAVEAT [P. A. Bartlett et al, "CAVEAT: A Program to Facilitate the Structure-Derived Design of Biologically Active Molecules", in Molecular Recognition in Chemical and Biological Problems", Special Pub., Royal Chem. Soc. 78, pp. 182-196 (1989)]. CAVEAT is available from the University of California, Berkeley, CA.

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- 3D Database systems such as MACCS-3D (MDL Information Systems, San Leandro, CA). This area is reviewed in Y. C. Martin, "3D Database Searching in Drug Design", <u>J. Med. Chem.</u>, 35:2145-2154 (1992).
- HOOK (available from Molecular Simulations, Burlington, MA).

  Instead of proceeding to build a cathepsin K inhibitor in a step-wise fashion one fragment or chemical entity at a time as described above, inhibitory or other type of binding compounds may be designed as a whole or "de novo" using either an empty active site or optionally including some portion(s) of a known inhibitor(s). These methods include:
- LUDI [H.-J. Bohm, "The Computer Program LUDI: A New Method for the De Novo Design of Enzyme Inhibitors", <u>J. Comp. Aid. Molec. Design</u>, 6:61-78 (1992)]. LUDI is available from Biosym Technologies, San Diego, CA.
- LEGEND [Y. Nishibata and A. Itai, <u>Tetrahedron</u>, <u>47</u>:8985 (1991)].
   LEGEND is available from Molecular Simulations, Burlington, MA.
- LeapFrog (available from Tripos Associates, St. Louis, MO).

Other molecular modeling techniques may also be employed in accordance with this invention. See, e.g., N. C. Cohen et al, "Molecular Modeling Software and Methods for Medicinal Chemistry", J. Med. Chem., 33:883-894 (1990). See also, M. A. Navia and M. A. Murcko, "The Use of Structural Information in Drug Design", Current Opinions in Structural Biology, 2:202-210 (1992). For example, where the structures of test compounds are known, a model of the test compound may be superimposed over the model of the structure of the invention. Numerous

methods and techniques are known in the art for performing this step, any of which may be used. See, e.g., P.S. Farmer, Drug Design, Ariens, E.J., ed., Vol. 10, pp 119-143 (Academic Press, New York, 1980); U.S. Patent No. 5,331,573; U.S. Patent No. 5,500,807; C. Verlinde, Structure, 2:577-587 (1994); and I. D. Kuntz, Science, 257:1078-1082 (1992). The model building techniques and computer evaluation systems described herein are not a limitation on the present invention.

Thus, using these computer evaluation systems, a large number of compounds may be quickly and easily examined and expensive and lengthy biochemical testing avoided. Moreover, the need for actual synthesis of many compounds is effectively eliminated.

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Once identified by the modeling techniques, the protease inhibitor may be tested for bioactivity using standard techniques. For example, structure of the invention may be used in binding assays using conventional formats to screen inhibitors. Suitable assays for use herein include, but are not limited to, the enzymelinked immunosorbent assay (ELISA), or a fluoresence quench assay. See, for example, the cathepsin K activity assay of Example 2 below. Other assay formats may be used; these assay formats are not a limitation on the present invention.

In another aspect, the protease structure of the invention permit the design and identification of synthetic compounds and/or other molecules which have a shape complimentary to the conformation of the protease active site of the invention. Using known computer systems, the coordinates of the protease structure of the invention may be provided in machine readable form, the test compounds designed and/or screened and their conformations superimposed on the structure of the protease of the invention. Subsequently, suitable candidates identified as above may be screened for the desired protease inhibitory bioactivity, stability, and the like.

Once identified and screened for biological activity, these inhibitors may be used therapeutically or prophylactically to block cathepsin K activity.

The following examples illustrate various aspects of this invention. These examples do not limit the scope of this invention which is defined by the appended claims.

## EXAMPLE 1: Analysis of the Structure of Cathepsin K

A. Expression, Purification and Crystallization

Cathepsin K (see Fig. 1) was expressed and purified as described in

Bossard, M. J., et al., J. Biol. Chem. 271, 12517-12524 (1996).

Crystals of cathepsin K were grown by vapor diffusion in hanging drops from a solution of 30% PEG 8000, 0.1 M Na<sup>+</sup>/K<sup>+</sup> phosphate at pH 4.5 containing 0.2M Li<sub>2</sub>SO<sub>4</sub>. Crystals of the complex are tetragonal, space group P4<sub>3</sub>2<sub>1</sub>2, with cell constants of a=57.7 Ångstroms and c=131.1 Ångstroms. The crystals contain one molecule in the asymmetric unit and contain 36 % solvent with a V<sub>m</sub> value of 2.3 Å<sup>3</sup>/Dalton. The structure was determined by molecular replacement using X-PLOR [Brunger, A.T., et al., Science, 235, 458-460 (1987)]. The starting model consisted of the protein atoms from the cathepsin K E-64 complex structure described herein.

### B. Model Building and Refinement

Using the three-dimensional electron density map obtained from above, the polypeptide chain of the cathepsin K can be traced without ambiguity. All 215 residues with side chains were built using the 3-D computer graphics program FRODO [Jones, T.A., J. Appl. Crystallogr., 11, 268-272 (1978)]. Each of these 215 amino acids residues was manually positioned in its electron density, allowing for a unique position for each atom in cathepsin K in which each position is defined by a unique set of atomic coordinates (X,Y,Z) as shown in Table I. Starting with these atomic coordinates, a diffraction pattern was calculated and compared to the experimental data. The difference between the calculated and experimentally determined diffraction patterns was monitored by the value of R<sub>C</sub>. The refinement (using X-PLOR) of the structural model necessitates adjustments of atomic positions to minimize the R-factor, where a value of below 20% is typical for a good quality protein structure and a value of higher than 25% usually indicates the need of further refinement.

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#### **EXAMPLE 2: Assays**

### Determination of cathepsin K proteolytic catalytic activity

All assays for cathepsin K were carried out with human recombinant enzyme. Standard assay conditions for the determination of kinetic constants used a fluorogenic peptide substrate, typically Cbz-Phe-Arg-AMC, and were determined in 100 mM Na acetate at pH 5.5 containing 20 mM cysteine and 5 mM EDTA. Stock substrate solutions were prepared at concentrations of 10 or 20 mM in DMSO with 20 uM final substrate concentration in the assays. All assays contained 10% DMSO Independent experiments found that this level of DMSO had no effect on enzyme activity or kinetic constants. All assays were conducted at ambient temperature.

Product fluorescence (excitation at 360 nM; emission at 460 nM) was monitored with a Perceptive Biosystems Cytofluor II fluorescent plate reader. Product progress curves were generated over 20 to 30 minutes following formation of AMC product.

#### 5 Inhibition studies

Potential inhibitors were evaluated using the progress curve method. Assays were carried out in the presence of variable concentrations of test compound. Reactions were initiated by addition of enzyme to buffered solutions of inhibitor and substrate. Data analysis was conducted according to one of two procedures depending on the appearance of the progress curves in the presence of inhibitors. For those compounds whose progress curves were linear, apparent inhibition constants  $(K_{i,app})$  were calculated according to equation 1 (Brandt et al., Biochemistry, 1989, 28, 140):

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$$v = V_m A / [K_a(1 + L/K_{i, app}) + A]$$

where v is the velocity of the reaction with maximal velocity  $V_m$ , A is the concentration of substrate with Michaelis constant of  $K_{a}$ , and I is the concentration of inhibitor.

For those compounds whose progress curves showed downward curvature characteristic of time-dependent inhibition, the data from individual sets was analyzed to give  $k_{obs}$  according to equation 2:

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$$[AMC] = v_{ss} t + (v_0 - v_{ss}) [1 - exp(-k_{obs}t)] / k_{obs}$$
 (2)

where [AMC] is the concentration of product formed over time t,  $v_0$  is the initial reaction velocity and  $v_{SS}$  is the final steady state rate. Values for  $k_{ObS}$  were then analyzed as a linear function of inhibitor concentration to generate an apparent second order rate constant ( $k_{ObS}$  / inhibitor concentration or  $k_{ObS}$  / [I]) describing the time-dependent inhibition. A complete discussion of this kinetic treatment has been fully described (Morrison et al., Adv. Enzymol. Relat. Areas Mol. Biol., 1988, 61, 201).

This assay measures the affinity of inhibitors to cathepsin K. One skilled in the art would consider any compound exhibiting a  $K_i$  value of less than 50 micromolar to be a potential lead compound for further research. Preferably, the compounds used in the method of the present invention have a  $K_i$  value of less than 1 micromolar. Most preferably, said compounds have a  $K_i$  value of less than 100 nanomolar.

#### **Human Osteoclast Resorption Assay**

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Aliquots of osteoclastoma-derived cell suspensions were removed from liquid nitrogen storage, warmed rapidly at 37°C and washed x1 in RPMI-1640 medium by centrifugation (1000 rpm, 5 min at 4°C). The medium was aspirated and replaced with murine anti-HLA-DR antibody, diluted 1:3 in RPMI-1640 medium, and incubated for 30 min on ice The cell suspension was mixed frequently.

The cells were washed x2 with cold RPMI-1640 by centrifugation (1000 rpm, 5 min at 4°C) and then transferred to a sterile 15 mL centrifuge tube. The number of mononuclear cells were enumerated in an improved Neubauer counting chamber.

Sufficient magnetic beads (5 / mononuclear cell), coated with goat anti-mouse IgG, were removed from their stock bottle and placed into 5 mL of fresh medium (this washes away the toxic azide preservative). The medium was removed by immobilizing the beads on a magnet and is replaced with fresh medium.

The beads were mixed with the cells and the suspension was incubated for 30 min on ice. The suspension was mixed frequently. The bead-coated cells were immobilized on a magnet and the remaining cells (osteoclast-rich fraction) were decanted into a sterile 50 mL centrifuge tube. Fresh medium was added to the bead-coated cells to dislodge any trapped osteoclasts. This wash process was repeated x10. The bead-coated cells were discarded.

The osteoclasts were enumerated in a counting chamber, using a large-bore disposable plastic Pasteur pipette to charge the chamber with the sample. The cells were pelleted by centrifugation and the density of osteoclasts adjusted to 1.5x10<sup>4</sup>/mL in EMEM medium, supplemented with 10% fetal calf serum and 1.7g/liter of sodium bicarbonate. 3 mL aliquots of the cell suspension (per treatment) were decanted into 15 mL centrifuge tubes. These cells were pelleted by centrifugation. To each tube 3 mL of the appropriate treatment was added (diluted to 50 uM in the EMEM medium). Also included were appropriate vehicle controls, a

positive control (87MEM1 diluted to 100 ug/mL) and an isotype control (IgG2a diluted to 100 ug/mL). The tubes were incubate at 37°C for 30 min.

0.5 mL aliquots of the cells were seeded onto sterile dentine slices in a 48-well plate and incubated at 37°C for 2 h. Each treatment was screened in quadruplicate. The slices were washed in six changes of warm PBS (10 mL / well in a 6-well plate) and then placed into fresh treatment or control and incubated at 37°C for 48 h. The slices were then washed in phosphate buffered saline and fixed in 2% glutaraldehyde (in 0.2M sodium cacodylate) for 5 min., following which they were washed in water and incubated in buffer for 5 min at 37°C. The slices were then washed in cold water and incubated in cold acetate buffer / fast red garnet for 5 min at 4°C. Excess buffer was aspirated, and the slices were air dried following a wash in water.

The TRAP positive osteoclasts were enumerated by bright-field microscopy and were then removed from the surface of the dentine by sonication. Pit volumes were determined using the Nikon/Lasertec ILM21W confocal microscope.

## **EXAMPLE 3: Method of Detecting Inhibitors**

The three dimensional atomic structure can be readily used as a template for selecting potent inhibitors. Various computer programs and databases are available for the purpose. A good inhibitor should at least have excellent steric and electrostatic complementarity to the target, a fair amount of hydrophobic surface buried and sufficient conformational rigidity to minimize entropy loss upon binding. The approach usually comprises several steps:

- Define a region to target: the active site cavity of cathepsin K can be selected, but any place that is essential to the protease activity could become a potential target. Since the crystal structure has been determined, the spatial and chemical properties of the target region is known.
- 2) Docking a small molecule onto the target. Many methods can be used to archive this. Computer databases of three-dimensional structures are available for screening millions of small molecular compounds. A negative image of these compounds can be calculated and used to match the shape of the target cavity. The profiles of hydrogen bond donor-acceptor and lipophilic points of these compounds can also be used to complement those of the target. Anyone skilled in the art would be able to identify many small molecules or fragments as hits.

3) Linking and extending recognition fragments. Using the hits identified by above procedure, one can incorporate different functional groups or small molecules into a single, larger molecule. The resulting molecule is likely to be more potent and have higher specificity. It is also possible to try to improve the "seed" inhibitor by adding more atoms or fragments that will interact with the target protein. The originally defined target region can be readily expanded to allow further necessary extension.

A limited number of promising compounds can be selected through the process. They can then be synthesized and assayed for their inhibitory properties. The success rate can sometimes be as high as 20%, and it may still be higher with the rapid progresses in computing methods.

# EXAMPLE 4: Crystallization of Enzyme with Inhibitors

## 15 A. Preparation of Inhibitors

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Compound 1. Preparation of 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

20 a) 3-hydroxy-4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1pyrrolidinecarboxylic acid 1,1dimethylethyl ester

To a solution of 3-hydroxy-4-amino-1-pyrrolidinecarboxylic acid, 1,1-dimethylethyl ester (202 mg, 1.14 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (5 mL) was added CBZ-leucine (302.9 mg, 1.14 mmol), HOBT (154 mg, 1.14 mmol) and EDC (262.2 mg, 1.37 mmol). The reaction was allowed to stir until complete by TLC analysis whereupon it was diluted with EtOAc and washed sequentially with pH 4 buffer, sat. K<sub>2</sub>CO<sub>3</sub>, water and brine. The organic layer was dried (MgSO<sub>4</sub>), filtered and concentrated. Column chromatography of the residue (3:1 EtOAc:hexanes) gave 325 mg of the title compound: MS (ES+) 450.3 (MH+), 472.2 (M+Na).

b) 3-hydroxy-4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-pyrrolidine hydrochloride

To a solution of the carbamate (310 mg, 0.69 mmol) in dry EtOAc (5.0 mL) was bubbled HCl gas for approximately 5 minutes. The reaction was stirred until TLC analysis indicated the complete consumption of the starting material. The

reaction was then concentrated in vacuo to give 249 mg of the title compound; MS (ES+) 350.3 (MH+)

- c) 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinol
- To a solution of the amine hydrochloride from the previous step (249 mg, 0.64 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (10 mL) was added CBZ-leucine (170.4 mg, 0.64 mmol), HOBT (86.5 mg, 0.64 mmol), NMM (300 uL) and EDC (147.2 mg, 0.77 mmol). The reaction was allowed to stir at room temperature for 2 hours whereupon it was diluted with ethyl acetate and worked up as described previously. Column chromatography of the residue (3:1EtOAc:hexanes) gave 104 mg of the title compound: MS (ES+) 597.1 (MH+), 619.1 (M+Na).
- d) 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

To a 0°C solution of the alcohol (100 mg, 0.17 mmol) in acetone (5.0 mL) was added Jone's reagent dropwise until the brown color persisted. The reaction was allowed to warm to room temperature and stirred approximately 48 hours whereupon it was quenched with isopropanol, diluted with EtOAc and washed sequentially with sat. K<sub>2</sub>CO<sub>3</sub>, water and brine. The organic layer was dried (MgSO<sub>4</sub>), filtered and concentrated. Column chromatography of the residue (3:1 EtOAc:hexanes) gave 31 mg of the title compound: MS (ES+) 595.1 (MH+), 617.0 (M+Na).

Compound 2. Preparation of 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-25 (methyl)-L-leucyl)]-3-pyrrolidinone

a) 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(tert-butoxy)carbonyl]-N-(methyl)-L-leucyl]-3-pyrrolidinol

To a solution of 3-hydroxy-4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-pyrrolidine (350 mg) was added N-BOC-N-methyl-leucine (222 mg, 0.0.91 mmol), HOBT(122.5 mg, 0.91 mmol), EDC (208.6 mg, 1.08 mmol) and N-methyl morpholine (0.3 mL, 2.72 mmol). The reaction was stirred at room temperature until complete by TLC analysis. Workup and column chromatography (1:1 Hex:EtOAc) gave 480 mg of the title compound which was used in the following reaction: MS (ES+) 477.4, 577.4 (MH+), 599.4 (M+Na).

b) 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(tert-butoxy)carbonyl]-N-(methyl)-L-leucyl]-3-pyrrolidinone

To a -78°C solution of oxalyl chloride (0.11 mL, 1.23 mmol) in CH<sub>2</sub>Cl<sub>2</sub> was added DMSO (0.17 mL, 2.46 mmol) dropwise. The reaction was allowed to stir at -78°C for 20 minutes whereupon a solution of the alcohol (474 mg, 0.82 mmol) in CH<sub>2</sub>Cl<sub>2</sub> was added dropwise. The reaction was stirred at -78°C for 30 minutes whereupon triethylamine (0.57 mL) was added in a single portion and allowed to warm to room temperature. Workup and column chromatography (2:1 hexanes:ethyl acetate) gave 247 mg of the title compound: MS (ES+) 475, 575 (M+H), 597 (M+Na).

- c) 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pytrolidinone hydrochloride
- To a room temperature solution EtOAc/HCl was added the carbamate. The reaction was stirred until complete by TLC analysis. Concentration gave the title compound: MS (ES+) 475 (M+H, 100%).

# Compound 3. Preparation of 4-IN-I(4-pyridylmethoxy)carbonyll-L-leucyll-1-IN[(phenylmethoxy)carbonyll-L-leucyll-3-pyrrolidinone

a) 3-hydroxy-4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-pyrrolidinecarboxylic acid 1,1dimethylethyl ester

- 3-hydroxy-4-amino-1-pyrrolidinecarboxylic acid, 1,1-dimethylethyl ester was coupled with iso-nicotinoyloxycarbonyl leucine in a similar manner as that described above to give 8.5 grams of the title compound: MS (ES+) 451 (MH+, 100%).
- b) 3-hydroxy-4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-pyrrolidine hydrochloride

  The carbamate from the previous step was deprotected with EtOAc/HCl to give 8.4 grams of the title compound after concentration: MS (ES+)351 (MH+, 100%).
- c) 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-35 [(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinol

To a solution of CBZ leucinal (155 mg) in CH<sub>2</sub>Cl<sub>2</sub> was added triethylamine (0.09 mL) and the amine hydrochloride (200 mg, 0.52 mmol) from the previous step. The reaction was stirred at room temperature for 2 hours whereupon the majority of the solvent was removed *in vacuo*. The mixture was redissolved in CH<sub>2</sub>Cl<sub>2</sub> and sodium triacetoxyborohydride was added. The reaction was stirred at room temperature for 4 hours. Workup and column chromatography (5% methanol/chloroform) gave 200.5 mg of the title compound: MS(ES+) 583 (MH+, 100%).

d) 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

To a DMSO (2 mL) solution of the alcohol (50 mg, 0.09 mmol) from the previous step was added triethylamine (0.07 mL, 0.52 mmol) and pyridine/sulfur trioxide complex (41 mg, 0.26 mmol). The reaction was maintained at room temperature until complete by TLC analysis. Workup and chromatography (5% methanol/chloroform) gave 37 mg of the title compound: MS (ES+) 582 (MH+, 100%).

Compound 4. Preparation of (3S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-1-(1-propoxy)-5-methyl-2-hexanone

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(3S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-1-diazo-5-methyl-2-hexanone (150 mg, 0.37 mmol) was dissolved in 1-propanol (2.5 ml), then rhodium acetate (2 mg) was added and the reaction was stirred at RT for 2h. The reaction mixture was chromatographed (silica gel, 20% EtOAc/hexanes) to yield the title compound as a white solid (59 mg, 37%). MS(ES) M+H' = 435, M+ NH<sub>4</sub>' = 452, 2M+H' = 869.6.

Compound 5. Preparation of bis-(Cbz-leucinyl)-1.3-diamino-propan-2-one

Cbz-leucine (500 mg, 1.88 mmol), EDCI (558 mg, 1.88 mmol) was dissolved in DMF (4.0 ml) with 1,3-diamino-propan-2-ol (85 mg, 0.94 mmol) and Hunig's base (0.3 ml, 1.88 mmol) and was stirred at RT overnight. The reaction was diluted with EtOAc (20 ml) and was extracted with water (2 x 20 ml). The combined organics were dried with magnesium sulfate, filtered, concentrated in vacuo. The intermediate was then dissolved in acetone (4.0 ml) and Jones reagent

(2.0 ml, 1.5 M) was added dropwise and the reaction was stirred at RT overnight. The excess Jones reagent was then quenched with isopropanol (1.0 ml), then the reaction was diluted with EtOAc (20 ml) and was extracted with water (2x 20 ml) to remove the inorganic salts. The combined organics were dried with magnesium sulfate, filtered, concentrated, and chromatographed (silica gel, 2-5% MeOH/methylene chloride) to give the title compound as a white solid (410 mg, 75%). MS(ES) M+H\*=583, M+Na\*=605.

# Compound 6. Preparation of 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide

## a) methyl 3-benzyloxybenzoate

To a suspension of NaH (0.395 g, 9.87 mmol, 60% in mineral oil) in DMF (20 mL) was added methyl 3-hydroxybenzoate (1.0 g, 6.58 mmol). After stirring for 15 min at room temperature, benzyl bromide (1.1 g, 6.58 mmol) was added. After stirring at room temperature for 3h, the solution was partitioned between ethyl acetate and water. The organic layer was washed with water (2 X 75 mL), saturated aqueous sodium bicarbonate, and brine, then dried (MgSO<sub>4</sub>), filtered and concentrated to yield an off-white solid (1.013 g, 4.2 mmol). <sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) d 7.67 (m, 2H), 7.48-7.34 (m. 6H), 7.19 (m, 1H), 5.12 (s, 2H), 3.95 (s, 3H).

## b) 3-benzyloxybenzoic acid

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To a solution of the compound of Example 6(a) (0.400 g, 1.65 mmol) in THF (2 mL) and water (2 mL) was added lithium hydroxide monohydrate (0.076 g, 1.82 mmol). After stirring at reflux for 5 h, the solution was partitioned between ethyl acetate and 3N HCl. The organic layer was washed with brine, dried (MgSO<sub>4</sub>), filtered and concentrated to yield a white solid (0.355 g, 1.56 mmol). H NMR (400 MHz, CD<sub>3</sub>OD) d 7.58 (m, 2H), 7.36-7.24 (m. 6H), 7.10 (m, 1H), 5.04 (s, 2H).

30 c) 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide

Following the procedure of Example A, below, except substituting 3-benzyloxybenzoic acid for N-acetyl-L-leucine and 2-[N-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide for 2-[N-(N-benzyloxycarbonyl-L-alanyl)]carbohydrazide,

the title compound was prepared as a white solid (0.062 g, 25%). MS(ESI): 548.1 (M+H)+.

#### Example A

Preparation of 2-[N-(N-acety]-L-leucinyl)]-2'-[N'-(N-benzyloxycarbony]-L-alanyl)]carbohydrazide

To a stirring solution of 2-[N-(N-benzyloxycarbonyl-L-alanyl)]carbohydrazide (0.150g, 0.508mmol) in DMF (2mL) was added N-acetyl-L-leucine (0.092g, 0.534mmol), 1-hydroxybenzotriazole (0.014g, 0.102mmol), and 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride (0.102g, 0.534mmol). After stirring at room temperature for 16h, the solution was diluted with ethyl acetate, washed successively with water, saturated aqueous sodium bicarbonate, and brine. The organic layer was dried (MgSO4), filtered and concentrated. The residue was purified by column chromatography (silica gel, methanol/dichloromethane) to yield the title compound as a white solid (0.028 g, 12%). MS(ESI): 451.1 (M+H)+.

Compound 7. Preparation of (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyllthiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide

## 20 a) N-tert-butoxycarbonyl-(L)-leucinamide

To a solution of N-tert-butoxycarbonyl-(L)-leucine (7.0g, 28.1mmol) in dry THF (100mL) at -40°C was added isobutylchloroformate (3.8g, 28.1mmol) and N-methylmorphiline (6.0, 59mmol). After 15 minutes of stirring, ammonia was bubbled through the mixture for an additional 15 minutes, then warmed to room temperature and allowed to stir for 2 hours. Mixture filtered and filtrate concentrated in vacuo to yield title compound as a white solid (6.5, 28.0mmol). 'HNMR (400MHz, CDCl<sub>3</sub>) d 6.38 (br s, 1H), 5.79 (br s, 1H), 5.04 (br d, 1H), 4.13 (m, 1H), 1.71-1.49 (m, 3H), 1.39 (s, 9H), 0.92 (dd, 6H).

#### b) N-tert-butoxycarbonyl-(L)-leucinethioamide

To a stirring solution of the compound of Example 7(a) (6.5, 28.0 mmol) in dry THF was added Lawesson's reagent (6.8g, 16.9 mmol) and the mixture was stirred at room temperature under argon overnight. The solvent was evaporated and the residue chromatographed (silica gel, 12% ethyl acetate/hexane) to give the title compound as a white solid (5.4g, 77%). HNMR (400MHz, CDCl<sub>3</sub>) d 8.54 (br s,

1H), 7.97 (br s, 1H), 5.28 (br d, 1H), 4.52 (m, 1H), 1.72-1.58 (m, 3H), 1.40 (s, 9H), 0.92 (m, 6H).

c) (1S)-1-(tert-butoxycarbonyl)amino-1-(4-carboethoxythiazol-2-yl)-3-methylbutane

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The compound of Example 7(b) (5.4g, 21.7 mmol) was stirred in dry acetone (100mL) under argon at -10°C. Ethylbromopyruvate (4.7g, 23.9 mmol) was added and stirred for 1h at -10°C. The solution was poured into a well stirred mixture of chloroform and water and then into saturated sodium bicarbonate solution. The organic phase was separated and the aqueous layer extracted with chloroform. The combined organic extracts were dried over MgSO<sub>4</sub>, filtered and concentrated to an oil. The oily residue was treated with TFAA (5.0g, 23.9 mmol) and pyridine (3.8g, 47.8 mmol) in dichloromethane for 1h at -20°C. Excess solvent was removed in vacuo and the residue was dissolved in dichloromethane. The solution was washed with saturated aqueous sodium bicarbonate and 1.0N KHSO<sub>4</sub> until pH 7. The solution was dried over magnesium sulfate, filtered and concentrated to an oil which was chromatographed (silica gel, 7.5% ethyl acetate/hexane) to give the title compound as a tan solid (4.5g, 61%). 'HNMR (400MHz, CDCl<sub>3</sub>) d 7.98 (s, 1H), 5.04 (br d, 1H), 4.95 (m, 1H), 4.31 (q, 2H), 1.88 (m, 1H), 1.63 (m, 2H), 1.40 (s, 9H), 1.32 (t, 3H), 0.85 (dd, 6H).

d) (1S)-1-(Benzyloxycarbonyl)amino-1-(4-carboethoxythiazol-2-yl)-3-methylbutane
The compound of Example 7(c) (0.250g, 0.731mmol) was dissolved in TFA
(2mL) and stirred at room temperature for 15 minutes when diluted with methanol
and concentrated in vacuo. The residue was dissolved in methylene chloride and
treated with triethylamine (0.739g, 7.31mmol) followed by benzyl chloroformate
(1.2g, 7.31mmol). The solution stirred at room temperature for 2h when partition
between ethyl acetate/water. The organic layer was washed with brine, collected,
dried (MgSO<sub>2</sub>) and concentrated to a residue that was chromatographed (silica gel,
15% ethyl acetate/hexane) to give the title compound as an oil (0.198g, 72%).
'HNMR (400MHz, CDCl<sub>2</sub>) d 8.01 (s, 1H), 7.32 (m, 5H), 5.51 (br d, 1H), 5.14 (m,
1H), 5.10 (s, 2H), 4.37 (q, 2H), 1.93 (m, 1H), 1.81-1.67 (m, 2H), 1.39 (t, 3H), 0.95
(m, 6H).

e) (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide

Following the procedure of Example B(a)-(d), below, except substituting (1S)-1-(Benzyloxycarbonyl)amino-1-(4-carboethoxythiazol-2-yl)-3-methylbutane for (1S)-1-benzyloxycarbonylamino-1-(2-carboethoxythiazol-4-yl)-3-methylbutane in step (c), the title compound was prepared. MS (MH): 610.0

#### Example B

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- Preparation of (IS.2'R)-N-4-[[(1-benzyloxycarbonyl)amino]-3-methylbutyl]thiazol-2-ylcarbonyl-N'-2'-(benzyloxycarbonyl)amino-4'-methylpentanovlhydrazide
  - a) N-benzyloxycarbonyl-L-leucinyl bromomethyl ketone

1-methyl-3-nitro-1-nitrosoguanidine (6.65 g, 45.2 mmol) in ether (225 mL) is cooled to 0°C. 40% sodium hydroxide is added slowly and the diazomethane is allowed to collect in the ether solution for 30 minutes at 0°C. The ether solution is then decanted and left at 0 °C.

N-Cbz-L-leucine (2.10 g, 7.6 mmol) was dissolved in THF (10 mL), cooled to -40 °C, and 4-methylmorpholine (0.77 g, 7.6 mmol, 0.83 mL) was added, followed by dropwise addition of isobutyl chloroformate (1.04 g, 7.6 mmol, 0.98 mL). After 15 min, the solution was filtered into the previously prepared 0 °C solution of ethereal diazomethane. The resulting solution was allowed to stand at 0 °C for 23 h. HBr (30% in acetic acid) (45.2 mmol, 9 mL) was added and the resulting solution was stirred at 0 °C for 5 min, then washed sequentially with 0.1 N HCl, saturated aqueous NaHCO3 and saturated brine, then dried (MgSO4), filtered and concentrated to give the title compound as a colorless oil (2.43 g, 94%).

b) (1S)-1-benzyloxycarbonylamino-1-(2-carboethoxythiazol-4-yl)-3-methylbutane
A solution of the compound of Example B(a) (1.57 g, 4.58 mmol) and ethyl
thiooxamate (0.61 g, 4.58 mmol) in ethanol (10 mL) was heated at reflux for 4 h.
The solution was then cooled, concentrated and the residue was purified by flash chromatography on 230-400 mesh silica gel, eluting with 1:4 ethyl acetate/hexanes, to give the title compound as a yellow oil (1.0 g, 58%). 1H NMR (400 MHz,
CDCl3) d 7.41 (s, 1H), 7.34-7.31 (m, 5H), 5.40 (d, 1H), 5.10 (d, 1H), 5.05 (d, 1H),

4.98 (q, 1H), 4.48 (q, 2H), 1.80-1.76 (m, 2H), 1.57-1.53 (m, 1H), 1.44 (t, 3H), 0.95 (d, 3H), 0.93 (d, 3H).

c) (1S)-1-benzyloxycarbonylamino-1-(2-hydrazinocarbonylthiazol-4-yl)-3-methylbutane

A solution of the compound of Example B(b) (0.30 g, 0.8 mmol) and hydrazine hydrate (0.40 g, 8.0 mmol, 0.39 mL) in ethanol (8 mL) was allowed to stir at room temperature for 2 h. The solution was then concentrated to yield the title compound as a white foam (0.28 g, 98%). 1H NMR (400 MHz, CDCl3) d 8.29 (s, 1H), 7.37-7.35 (m, 5H), 5.18 (d, 1H), 5.09 (dd, 2H), 4.95 (q, 1H), 4.07 (d, 2H), 1.71 (t, 2H), 1.55 (m, 1H), 0.96 (d, 3H), 0.94 (d, 3H).

d) (1S,2'R)-N-4-[[(1-benzyloxycarbonyl)amino]-3-methylbutyl]thiazol-2-ylcarbonyl-N'-2'-(benzyloxycarbonyl)amino-4'-methylpentanoylhydrazide

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A solution of the compound of Example B(c) (100 mg, 0.28 mmol), N-Cbz-L-leucine (80.5 mg, 0.30 mmol), 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride (58.2 mg, 0.30 mmol) and 1-hydroxybenzotriazole (7.5 mg, 0.06 mmol) in DMF (0.6 mmol) was allowed to stir at room temperature for 18 h. The solution was diluted with ethyl acetate and washed successively with water, 0.1 N HCl, saturated aqueous NaHCO3 and saturated brine, then dried (MgSO4), filtered and concentrated. The residue was purified by flash chromatography on 230-400 mesh silica gel, eluting with 1:1 ethyl acetate/hexanes, to provide the title compound as a white solid (111.4 mg, 66%). mp 110-112 °C.

## Compound 8. Preparation of 2.2'-N.N'-bis-benzyloxycarbonyl-Lleucinylcarbohydrazide

To a stirring solution of N-Cbz-L-leucine (Chemical Dynamics Corp.) (2.94 g, 11.1 mmol) in 22 mL of DMF was added carbohydrazide (0.5 g, 5.6 mmol), 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride (2.13 g, 11.1 mmol) and 1-hydroxybenzotriazole (0.3 g, 2.2 mmol). After stirring at room temperature for 22 h, the solution was poured into 500 mL of water. The precipitate was collected by vacuum filtration and washed with water (4 X 150 mL) and dichloromethane (4 X 150 mL), then dried under vacuum to provide the title compound as a white solid (1.49 g, 46%). MS(ESI): 607.1 (M+Na)\*.

# Compound 9. Preparation of 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one

 a) 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy phenyl sulfonyl)amino-propan-2-one

Following the procedure of Example C(a)-(d), below, substituting "imidazole acetic acid" for "4-pyridyl acetic acid", the title compound was prepared: MS(ES) M+H'= 542.

#### Example C

Preparation of 1-N-(N-Cbz-leucinyl)-amino-3-N-(2-pyridyl-sulfonyl)-amino-propan-2-one

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- a) 1-N-(N-Cbz-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-ol
- 1,3-Diamino propan-2-ol (6.75 g, 75 mmol) was dissolved in DMF (100ml) and Cbz-leucine (20g, 75.5 mmol), HOBT-hydrate (11g, 81.5 mmol), and EDCI (15.5g, 81.2 mmol) were added. The reaction was stirred overnight at RT. A portion of the reaction mixture (30 ml) was concentrated in vacuo, then ether (50 ml) and MeOH (30 ml) were added. A 1N solution of hydrochloric acid in ether was added (1 M, 30 ml) and a white gum formed, which was washed several times with ether. MeOH-acetone were added and heated until the gum became a white solid. The white solid was dissolved in DMF (25 ml) and DIEA (5ml), then 4-phenoxy

phenyl sulfonyl chloride was added. The reaction was stirred for 2h, concentrated in vacuo, then chromatographed (silica gel, 1:1 EtOAc: hexanes) to provide the desired product as a white solid.

- b) Leucinyl-amino-3-N-(4-phenoxy phenyl sulfonyl)-amino-propan-2-ol
   1-N-(Cbz-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan2-ol (1.0g, 1.8 mmol) was dissolved in EtOH (30 ml), then 10% Pd/C (0.22g) was
  added followed by 6N hydrochloric acid (2.5 ml), and the reaction was stirred under
  a balloon of hydrogen gas for 4h at RT. The reaction mixture was filtered,
   concentrated, and azeotroped with toluene to provide a white glass which was used
  in the next reaction without further purification.
  - c) 1-N-(N-4-pyridyl acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-ol

Leucinyl-amino-3-N-(4-phenoxy phenyl sulfonyl)-amino-propan-2-ol (0.36 g, 0.76 mmol) was dissolved in DMF (5 ml), then NMM (0.45 ml, 4 mmol) was added followed by 4-pyridyl acetic acid (0.13g, 0.75 mmol) and HBTU (0.29g, 0.76 mmol) and the reaction was stirred at RT overnight. The reaction mixture was concentrated in vacuo, then chromatographed (silica gel, 5%MeOH: methylene chloride) to provide the desired product as a white solid (90 mg, MS(ES): M+H+=555.

d) 1-N-(N-4-pyridyl acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one

1-N-(N-4-pyridyl-acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-ol (45 mg, 0.08 mmol) was dissolved in acetone (5ml), then 1N hydrochloric acid (2 ml) was added. The reaction was concentrated in vacuo, then redissolved in acetone. Jones reagent (1.5 M, several drops) was added and the reaction mixture was stirred for 6h at RT. Isopropanol (0.5 ml) was added and the reaction mixture was concentrated in vacuo. The reaction was diluted with pH 7 buffer and then was extracted with EtOAc, dried with magnesium sulfate, filtered, concentrated in vacuo, then chromatographed (silica gel, 5% MeOH-methylene chloride) to give the desired product as a white solid (27 mg, 50%): MS(ES): M+H+= 553.

# B. Crystallization of the protein and protein-inhibitor complexes

Human cathepsin K was expressed in baculovirus cells for the first eight of the nine inhibitors described below. Conditioned media containing expressed pro-cathepsin K was loaded directly onto an S-Sepharose column pre-equilibrated with 25 mM phosphate buffer at pH 8. The column was eluted with a NaCl gradient. Fractions containing pro-cathepsin K were pooled, concentrated to 2.5 mg/ml and activated to mature cathepsin K in 50 mM sodium acetate buffer pH 4.0 containing 20 mM L-cysteine and 1% mature cathepsin K as seed. The activation was monitored using CBZ-Phe-Arg-AMC, as fluorogenic substrate and by SDS-PAGE. When the increasing specific activity reached a plateau (ca. 15 µmol/min/mg), the reaction was stopped by the addition of inhibitor. The inhibited mature cathepsin K was concentrated and dialyzed against 20 mM MES, 50 mM NaCl, 2 mM L-cysteine, pH 6.

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Protein preparation for cathepsin K complex with 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone (only)

Human cathepsin K was expressed in E. coli. The cell pellet from 1 L of bacterial culture weighing 2.35 gm. was washed with 50 mL of 50 mM Tris/HCl, 5 mM EDTA, 150 mM NaCl, pH 8.0. After centrifugation at 13,000 x g for 15 mins, the washed pellet was resuspended into 25 mL of the same buffer prepared at 4° C and lysed by passage twice through a cell disruptor (Avestin) at 10,000 psi. The lysate was centrifuged as above, the supernatant decanted and the pellet suspended in 25 mL 50 mM Tris/HCl, 10 mM DTT, 5 mM EDTA, 150 mM NaCl, pH 8.0 containing either 8 M urea or 6 M guanidine HCl. After stirring at 4° C for 30 mins, insoluble cellular debris was removed by centrifugation at 23,000 x g for 30 mins and the supernatant clarified by filtration (0.45 um, Millipore).

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Varying amounts of the proenzyme form of cathepsin K were refolded by quick dilution into stirring, N<sub>2</sub> (g) sparged 50 mM Tris/HCl, 5 mM EDTA, 10 mM reduced and 1 mM oxidized glutathione, 0.7 M L-arginine pH 8.0 and stirred overnight at 4° C. After concentration to ca.1 mg/mL using a stirred cell fitted with a YM-10 membrane (Amicon), the sample was clarified by centrifugation and filtration then dialyzed against 25 mM Na<sub>2</sub>PO<sub>4</sub>, 1.0 M NaCl, pH 7.0. The dialysate was applied at a LFR= 23 cm/hr to

a 2.6 x 90 cm column of Superdex 75 (Pharmacia) pre-equilibrated in 25 mM Na<sub>2</sub>PO<sub>4</sub>, 1.0 M NaCl, pH 7.0. The cathepsin K proenzyme was pooled based upon purity as observed on a reduced, SDS-PAGE gel.

Crystals of mature activated cathepsin K complexed with inhibitor grew to a size of approximately 0.2 mm in about six days at 20°C. The concentration of inhibited cathepsin K used in the crystallization was approximately 8 mg/ml. The method of vapor diffusion in hanging drops was used to grow crystals from the solution of cathepsin K - inhibitor complex. The initial crystal structure to be determined was that of cathepsin K in complex with the cysteine protease inhibitor E64. Crystals of mature activated cathepsin K complexed with E-64 grew to a size of approximately 0.2 mm<sup>3</sup> in six days at 20°C. The concentration of E-64-inhibited cathepsin K used in the crystallization was 8 mg/ml. Vapor diffusion was used in hanging drops from a solution of 10% PEG 8000, 0.1 M Na+/K+ phosphate at pH 6.2 containing 0.2M NaCl. Crystals of the complex are orthorhombic, space group P2,2,2,, with cell constants of a=38.4, b=50.7, and c=104.9 Ångstroms. This crystal form will be referred to as Form II. The crystals contain one molecule in the asymmetric unit and contain approximately 40% solvent with a Vm value of 2.1 A3/Dalton X-ray diffraction data were measured from a single crystal using a Siemens two-dimensional position-sensitive detector on a Siemens rotating anode generate operating a 5 KW. The structure was determined by molecular replacement using X-PLOR. The starting model consisted of all atoms of the main chain of papain and those side chain atoms predicted to be homologous between the two proteins as determined from sequence alignment. The cross rotation function was calculated using x-ray diffraction data from 10 to 4 Å and a radius of integration of 32 Å. The highest peak was 6.0 σ. A translation search was carried out using data from 8 to 3.5 Angstroms resulting in the highest peak of 12.5 o. The resulting model gave an R<sub>C</sub> factor of 0.488. This model was refined by rigid-body refinement, and the resulting phases were used to calculate Fourier maps with coefficients IFo-FcI and 12F<sub>0</sub>-F<sub>c</sub>l, into which the atomic model of cathepsin K was built using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building. The structure was refined using X-PLOR. The electron density for E-64 was clear in the maps. The inhibitor was built into density and several additional cycles of map fitting and refinement were carried out to a final R<sub>c</sub> of 0.191.

Crystallization of the complex of cathepsin K with 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyllamino-5-methyl-1-(1-propoxy)-2-hexanone

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 10% isopropanol, 0.1 M NaPO<sub>4</sub> / citrate at pH 4.2. Crystals of the complex are tetragonal, space group  $P4_32_12$ , with cell constants of a=57.6 Å, and c=131.2 Å. This crystal form will be referred to as Form III. Diffraction data were collected as described above. The crystals contain one molecule in the asymmetric unit and contain 36% solvent with a V<sub>m</sub> value of 2.3 Å /Dalton. The structure was 10 determined by molecular replacement using X-PLOR at 2.5 Ångstroms resolution. The starting model consisted of all protein atoms of the orthorhombic form of cathepsin K-E64 structure. Molecular replacement was carried out as described above for the cathepsin K-E64 structure determination. The model was refined by rigid-body refinement using X-PLOR, and the resulting phases were used to 15 calculate Fourier maps with coefficients |Fo-Fc| and |2Fo-Fc|, into which the atomic model of the inhibitor was built using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building. The structure was refined using X-PLOR. Several cycles of map fitting and refinement were carried out to a final R<sub>c</sub> of 0.245. 20

Crystallization of the complex of cathepsin K with 2-[N-(3-benzyloxybenzoyl)]-2'-IN'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 22.5% PEG 8000, 0.075 M sodium acetate at pH 4.5 containing 0.15 M Li<sub>2</sub>SO<sub>4</sub>. Crystals of the complex grew as Form III. Diffraction data were collected as described above. The structure was determined by rigid body refinement with X-PLOR utilizing the previous Form III protein model at 2.4 Ångstroms resolution. Fourier maps with coefficients |F<sub>O</sub>-F<sub>C</sub>| and |2F<sub>O</sub>-F<sub>C</sub>| were used to fit the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement (X-PLOR) was used to refine the structure during model building. Several cycles of map fitting and refinement were carried out to a final R<sub>C</sub> of 0.237.

Crystallization of the complex of cathepsin K with bis-(Cbz-leucinyl)-1.3-diaminopropan-2-one

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 10% isopropanol, 0.1 M NaPO<sub>4</sub> / citrate at pH 4.2. Crystals of the complex grow as Form III. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form III protein model at 2.6 Ångstroms resolution. Fourier maps with coefficients IF<sub>0</sub>·F<sub>c</sub>I and I2F<sub>0</sub>·F<sub>c</sub>I were used to fit the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building. Several cycles of map fitting and refinement were carried out using X-PLOR to a final R<sub>c</sub> of 0.210.

Crystallization of the complex of cathepsin K with 4-IN-

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15 [(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution 18% PEG 8000, 0.6 M sodium acetate at pH 4.5 containing 0.12 M Li<sub>2</sub>SO<sub>4</sub>. Crystals of the complex grow in Form III. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form III protein model with X-PLOR at 2.4 Ångstroms resolution. Fourier maps with coefficients IF<sub>0</sub>-F<sub>C</sub>I and I2F<sub>0</sub>-F<sub>C</sub>I, were used to the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building using X-PLOR. Several cycles of map fitting and refinement were carried out to a final R<sub>C</sub> of 0.218.

Crystallization of the complex of cathepsin K with (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl]-L-leucinyl)hydrazide

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 30% MPD, 0.1 M MES at pH 7.0 and 0.1 M tris buffer at pH 7.0. Crystals of the complex are Form II. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form II protein model with X-PLOR at 2.3 Ångstroms resolution. Fourier maps with

coefficients  $|F_0-F_c|$  and  $|2F_0-F_c|$ , were used to the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building using X-PLOR. Several cycles of map fitting and refinement were carried out to a final  $R_c$  of 0.211.

Crystallization of the complex of cathepsin K with 2.2'-N.N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 33% MPD, 0.1 M MES at pH 7. Crystals of the complex grow as Form II. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form II protein model with X-PLOR at 2.2 Ångstroms resolution. Fourier maps with coefficients  $|F_0F_c|$  and  $|2F_0F_c|$ , were used to the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building using X-PLOR. Several cycles of map fitting and refinement were

Crystallization of the complex of cathepsin K with 4-IN-

carried out to a final R<sub>c</sub> of 0.208.

20 [(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3pyrrolidinone

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 28% MPD, 0.1 M MES at pH 7.0 and 0.1 M tris buffer at pH 7.0.

Crystals of the complex Form II. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form II protein model with X-PLOR at 2.3 Ångstroms resolution. Fourier maps with coefficients IF<sub>0</sub>-F<sub>c</sub>I and I2F<sub>0</sub>-F<sub>c</sub>I, were used to the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building using X-PLOR. Several cycles of map fitting and refinement were carried out to a final R<sub>c</sub> of 0.193.

Crystallization of the complex of cathepsin K with 4-IN-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 30% MPD, 0.1 M MES at pH 7.0 and 0.1 M tris buffer at pH 7.0 Crystals of the complex Form II. Diffraction data were collected as described above.

The structure was determined by rigid body refinement of the previous Form II protein model with X-PLOR at 2.2 Ångstroms resolution. Fourier maps with coefficients  $|F_0-F_c|$  and  $|2F_0-F_c|$ , were used to the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building using X-PLOR. Several cycles of map fitting and refinement were carried out to a final  $R_c$  of 0.267.

Crystallization of the complex of cathepsin K with 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one

15 Crystals of mature activated cathepsin K complexed with the inhibitor grew from a solution of 18% PEG 8000, 0.6 M sodium acetate at pH 4.5 containing 0.12 M Li<sub>2</sub>SO<sub>4</sub>. Crystals of the complex are Form III. Diffraction data were collected as described above. The structure was determined by rigid body refinement of the previous Form II protein model at 2.5 Ångstroms resolution. Fourier maps with coefficients |F<sub>0</sub>-F<sub>c</sub>| and |2F<sub>0</sub>-F<sub>c</sub>| were used to fit the atomic model of the inhibitor using the molecular graphics program FRODO. Conventional positional refinement was used to refine the structure during model building. Several cycles of map fitting and refinement were carried out using X-PLOR to a final R<sub>c</sub> of 0.246.

Abbreviations

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E-64, [1-[N-[(L-3-trans-carboxyoxirane-2carbonyl)-L-leucyl]amino]-4-guanidinobutane]
CBZ, benzyloxycarbonyl
AMC, aminomethylcoumarin
MPD, 2 methyl-2,4-pentanediol
PIPES, piperazone-N,N-bis(2-ethanesulfonic acid)

MES, 2-(N-morpholino)-ethanesulfonic acid tris, tris(hydroxymethyl)-aminomethane PEG, polyethyleneglycol

35 M. Molar

 $R_c = \Sigma (F_0 - F_c) I / F_0$   $F_0 = \text{observed structure amplitude}$   $F_c = \text{calculated structure amplitude}$  EDTA, ethylenediaminetetraacetic acid DTT, 1,4-dithiothreitol SDS-PAGE, sodium dodecylsulfate polyacrylamide gel electrophoresis

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This invention is not to be limited in scope by the specific embodiments described herein. Indeed, various modifications of the invention in addition to those described herein will become apparent to those skilled in the art from the foregoing description. Such modifications are intended to fall within the scope of the appended claims.

The disclosures of the patents, patent applications and publications cited herein are incorporated by reference in their entireties.

TABLE I

Table of the orthogonal three dimensional coordinates in Angstroms and B factors  $(\mathbb{A}^2)$  for cathepsin K.

Residue Ato	m X		Z	В
1 ALA N	-3.94	11.01	90.45	15.00
1 ALA CA	-4.70	12.30	. N. 2000 1 1 10 11 12 12	15.00
1 ALA C	-4.40	13.14	89.20	15.00
1 ALA O	-3.34	12.99	88.57	15.00
1 ALA CB	-4.36	13.12	91.73	15.00
2 PRO N	-5.36	14.01	88.80	15.00
2 PRO CA	-5.19	14.86	87.61	15.00
2 PRO C	-4.35	16.05	88.06	15.00
2 PRO O	-4.89	17.00	88.65	15.00
2 PRO CB	-6.62	15.33	87.31	15.00
2 PRO CG	-7.53	14.58	88.32	15.00
2 PRO CD	-6.63	14.31	89.47	15.00
3 ASP N	-3.04	16.00	87.87	15.00
3 ASP CA	-2.25	17.14	88.30	15.00
3 ASP C	-2.27	18.18	87.20	15.00
3 ASP O	-1.57	18.02	86.20	15.00
3 ASP CB	-0.82	16.75	88.67	15.00
3 ASP CG	-0.09	17.85	89.45	15.00
3 ASP OD1	-0.74	18.83	89.89	15.00
3 ASP OD2	1.14	17.73	89.63	15.00
4 SER N	-3.10	19.21	87.36	15.00
4 SER CA	-3.19	20.26	86.35	15.00
4 SER C	-3.97	21.51	86.77	15.00
4 SER O	-4.97	21.44	87.48	15.00
4 SER CB	-3.77	19.72	85.03	15.00
4 SER OG 5 VAL N	-5.17	19.55	85.08	15.00
5 VAL CA	-3.50	22.65	86.28	15.00
5 VAL CA	-4.10	23.94	86.54	15.00
	-4.27	24.65	85.17	15.00
5 VAL O 5 VAL CB	-3.43	* 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15.00
5 VAL CG1	-3.22	24.79	87.51	15.00
5 VAL CG2	-1.8U	24.88		
6 ASP N	-3.79 -5.30		87.69	
6 ASP CA	-5.39 -5.67		84.99	
6 ASP C		26.08	4 5 44 4	
6 ASP O		27.34	84.22	15.00
6 ASP CB	-7.63 -6.55			15.00
6 ASP CG		25.25 25.95	82.82	15.00 15.00
<ul><li>・ ファス (表表する)。</li></ul>			01.40	100

5	48.08 B - 5 B - 1			1
6 ASP OD1	-6.11	26.94	81.14	15.00
6 ASP OD2	-7.72	25.49		1
7 TYR N	-5.64	28.42	84.37	15.00
7 TYR CA	-6.15	29.70	84.84	
7 TYR C	-7.18	30.35	83.96	
7 TYR O	-7.76	31.36		
7 TYR CB	-5.00	30.67	85.09	
7 TYR CG	-4.06	30.20	86.18	5 A A A A A
7 TYR CD1	-4.41	30.29	87.52	15.00
7 TYR CD2	-2.82	29.64	85.86	
7 TYR CE1	-3.55	29.86	88.52	15.00
7 TYR CE2	-1.96	29.21	86.84	15.00
7 TYR CZ	-2.33	29.31	88.17	15.00
7 TYR OH	-1.48	28.86	89.14	15.00
8 ARG N	-7.41	29.78	82.79	15.00
8 ARG CA	-8.41	30.30		15.00
8 ARG C	-9.77	30.07		15.00
8 ARG O	-10.65	30.93	82.49	15.00
8 ARG CB	-8.33	29.58	80.53	15.00
8 ARG CG	-7.00	29.76		15.00
8 ARG CD	-7.00	29.12	78.48	15.00
8 ARG NE	-7.27	27.69	78.52	15.00
8 ARG CZ	-6.85	26.83	77.58	15.00
8 ARG NH1	-6.15	27.27		15.00
8 ARG NH2	-7.15	25.54	77.69	15.00
9 LYS N	-9.90	28.94	83.20	15.00
9 LYS CA	-11.12	28.60	83.91	15.00
9 LYS C	-11.16	29.33	85.28	15.00
9 LYS O	-11.96	28.99	86.15	15.00
9 LYS CB	-11.18	27.08	84.13	15.00
9 LYS CG	-11.04	26.25	82.86	15.00
9 LYS CD	-11.09	24.72	83.11	15.00
9 LYS CE	-9.80	24.15	83.76	15.00
9 LYS NZ	-9.78	22.65	83.99	15.00
10 LYS N	-10.33	30.35	85.47	15.00
10 LYS CA	-10.28	31.03	86.76	15.00
10 LYS C	-10.23	32.55	86.69	15.00
10 LYS O	-10.11	33.20	87.73	15.00
10 LYS CB	-9.10	30.51	87.58	15.00
10 LYS CG	-9.05	28.98	87.72	15.00
10 LYS CD	-7.68	28.45	88.13	15.00
10 LYS CE	-7.54		89.63	
10 LYS NZ	-7.61		90.36	
11 GLY N	-10.29	33.11	85.48	15.00

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11 GLY CA	-10.27	34.56	85.31	15.00
11 GLY C	-8.96	35.28	85.53	
11 GLY O	-8.93	36.49		15.00
12 TYR N	-7.86	34.54	85.44	15.00
12 TYR CA	-6.54	35.11	85.64	15.00
12 TYR C	-5.97	35.67	84.36	15.00
12 TYR O	-5.13	36.58	84.39	15.00
12 TYR CB	-5.57	34.04		15.00
12 TYR CG	-5.76	33.63	87.56	15.00
12 TYR CD1	-6.85	32.86	87.95	15.00
12 TYR CD2	-4.82	33.98	88.52	15.00
12 TYR CE1	-7.00	32.46	89.25	15.00
12 TYR CE2	-4.96	33.58	89.83	15.00
12 TYR CZ	-6.04	32.81	90.19	15.00
12 TYR OH	-6.16	32.38	91.49	15.00
13 VAL N	-6.40	35.09	83.24	15.00
13 VAL CA	-5.92	35.47	81.92	15.00
13 VAL C	-6.95	36.24	81.09	15.00
13 VAL O	-8.15	36.03	81.21	15.00
13 VAL CB	-5.41	34.21	81.15	15.00
13 VAL CG1	-6.54	33.26	80.89	15.00
13 VAL CG2	-4.73	34.61	79.86	15.00
14 THR N	-6.45	37.19	80.31	15.00
14 THR CA	-7.27	38.02	79.44	15.00
14 THR C	-7.39	37.38	78.05	15.00
14 THR O	-6.69	36.41	77.74	15.00
14 THR CB	-6.63	39.42	79.32	15.00
14 THR OG1	-5.21	39.28	79.27	15.00
14 THR CG2	-7.00	40.28	80.52	15.00
15 PRO N	-8.31	37.88	77.20	15.00
15 PRO CA	-8.50	37.34	75.86	15.00
15 PRO C	-7.23	37.45	75.01	15.00
15 PRO 0	-6.38	38.30	75.30	15.00
15 PRO CB	-9.61	38.22	75.30	15.00
15 PRO CG	-10.38	38.60	76.51	15.00
15 PRO CD	-9.28	38.96	77.45	15.00
16 VAL N	-7.14	36.65	73.95	15.00
16 VAL CA	-5.97	36.64	73.08	15.00
16 VAL C	-5.86			
16 VAL O	-6.80	38.23	71.47	15.00
16 VAL CB	-5.94	35.38	72.22	
16 VAL CG1				15.00
16 VAL CG2	-5.97	34.18	73.10	
17 LYS N	-4.70	38.52	72.22	15.00

17 LYS CA	-4.47	39.71	71.43	15.00
17 LYS C	-3.49	39.39	70.31	15.00
17 LYS O	-2.82	38.36	70.34	15.00
17 LYS CB	-3.93	40.85	72.30	15.00
17 LYS CG	-4.99	41.75	72.95	15.00
17 LYS CD	-5.84	41.01	73.99	15.00
17 LYS CE	-5.88	41.72	75.34	15.00
17 LYS NZ	-4.53	41.86	75.97	15.00
18 ASN N	-3.43	40.30	69.35	15.00
18 ASN CA	-2.58	40.20	68.17	15.00
18 ASN C	-1.54	41.29	68.24	15.00
18 ASN O	-1.89	42.46	68.35	15.00
18 ASN CB	-3.42	40.41	66.91	15.00
18 ASN CG	-2.71	39.96	65.64	15.00
18 ASN OD1	-1.74	40.58	65.19	15.00
18 ASN ND2	-3.19	38.87	65.06	15.00
19 GLN N	-0.27	40.92	68.15	15.00
19 GLN CA	0.79	41.91	68.23	15.00
19 GLN C	0.97	42.67	66.95	15.00
19 GLN 0	1.54	43.76	66.94	15.00
19 GLN CB	2.10	41.26	68.59	15.00
19 GLN CG	2.54	40.22	67.63	15.00
19 GLN CD	3.88	39.71	67.99	15.00
19 GLN OE1	4.04	38.93	68.92	15.00
19 GLN NE2	4.89	40.20	67.31	15.00
20 GLY N	0.51	42.07	65.86	15.00
20 GLY CA	0.62	42.69	64.56	15.00
20 GLY C	1.98	42.49	63.90	15.00
20 GLY O	2.53	41.39	63.86	15.00
21 GLN N	2.50	43.60	63.38	15.00
21 GLN CA	3.77	43.62	62.67	15.00
21 GLN C	4.94	43.82	63.62	15.00
21 GLN O	6.05	43.35	63.36	15.00
21 GLN CB	3.73	44.74	61.64	15.00
21 GLN CG	2.68	44.55	60.56	15.00
SI GIM CD	2.88	43.25	59.82	15.00
21 GLN OE1	4.01	42.87	59.52	15.00
21 GLN NE2	1.79	42.55	59.56	15.00
22 CYS N	4.68	44.56	64.69	15.00
22 CYS CA	5.65	44.87	65.73	15.00
22 CYS C	6.15	43.60	66.46	15.00
22 CYS O	5.37	42.68	66.72	15.00
22 CYS CB	4.97	45.82	66.71	15.00
22 CYS SG	5.96	46.40	68.11	15.00

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23 GLY N	7.45		66.73	15.00
23 GLY CA	8.00			15.00
23 GLY C	7.84	42.62		15.00
23 GLY O	8.80	42.94		15.00
24 SER N	6.60		69.37	15.00
24 SER CA	6.33	42.80		15.00
24 SER C	5.75	41.63		15.00
24 SER O	4.72	41.77	72.20	15.00
24 SER CB	5.44	44.05	70.90	15.00
24 SER OG	4.14	43.81	70.40	15.00
25 CYC N	6.39	40.47	71.48	15.00
25 CYC CA	5.88	39.34	72.25	15.00
25 CYC CB	6.32	38.03	71.63	15.00
25 CYC SG	8.04	38.06	71.17	15.00
25 CYC C	6.33	39.44	73.72	15.00
25 CYC O	5.67	38.91	74.62	15.00
25 CYC 01	7.96	38.09	69.44	15.00
26 TRP N	7.45	40.14	73.95	15.00
26 TRP CA	7.97	40.33	75.30	15.00
26 TRP C	7.04	41.24	76.05	15.00
26 TRP O	6.67	40.96	77.18	15.00
26 TRP CB	9.37	40.92	75.27	15.00
26 TRP CG	9.47	42.24	74.61	15.00
26 TRP CD1	9.74	42.49	73.30	15.00
26 TRP CD2	9.32	43.52	75.24	15.00
26 TRP NE1	9.78	43.84	73.06	15.00
26 TRP CE2	9.52	44.50	74.24	15.00
26 TRP CE3	9.04	43.94	76.55	15.00
26 TRP CZ2	9.45	45.88	74.51	15.00
26 TRP CZ3	8.98	45.32	76.82	15.00
26 TRP CH2	9.18	46.27	75.80	15.00
27 ALA N	6.63	42.32	75.39	15.00
27 ALA CA	5.70	43.30	75 95	15 00
27 ALA C	4.40	42.61	76.34	15.00
27 ALA O	3.92	42.75	77.47	15.00
27 AUA CD	5.43	44.39	74.93	15.00
28 PHE N	3.83	41.86	75.40	15.00
28 PHE CA	2.60	41.13	75.63	15.00
28 PHE C	2.79	40.08	76.73	15.00
28 PHE O	2.00	40.02	77.66	15.00
ZO FRE CB	2.10	40.48	74.33	15.00
28 PHE CG	1.41	41.44	73.39	15.00
28 PHE CD1	2.14	42.29	72.57	15.00
28 PHE CD2	0.02	41.51	73.33	15.00

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	28 PHE CE1		43.18	71.73	15.00
	28 PHE CE2	-0.62	42.40		
	28 PHE CZ	0.12	43.24	71.69	15.00
wikipi na b	29 SER N	3.85			
	29 SER CA	4.15	MWA 12 6 3 980.	Waren a la Milliana in	A March 1997, The St. Co., 1997, To., 1997,
	29 SER C	4.33	38.84		
	29 SER 0	3.95			
	29 SER CB		37.50	77.25	
	29 SER OG	5.78	36.51	<ul><li>(a) (a) (b) (b) (c) (c) (d) (d) (d) (d)</li></ul>	15.00
	30 SER N	4.96		11.6 m - MA (71.75)	15.00
	30 SER CA	5.18		[10] J. J. W. W. W. W. M. W.	15.00
	30 SER C	3.84			15.00
왕성하면	30 SER 0		40.84	82.03	
	30 SER CB	6.10	and the Market of	80.10	factor for the factor of the f
	30 SER OG		41.48		
	31 VAL N	3.08		80.07	
	31 VAL CA			80.48	
	31 VAL C	0.85	41.18	80.88	
	31 VAL O	0.03		81.77	1.00
	31 VAL CB	1.09	43.16		15.00 15.00
	31 VAL CG1	-0.41	10 to	79.47	
	31 VAL CG2		44.60		15.00
	32 GLY N	1.05	40.04	80.24	
	32 GLY CA		38.85		15.00
	32 GLY C	0.56	38.20	81.83	
	32 GLY 0	-0.24	37.41		15.00
	33 ALA N	1 74			
	33 ALA CA		evenilise vidensie ist	82.39 83.69	15.00
	33 ALA C	2.2	38.88		
	33 ALA O	1.01	38.49		15.00
	33 ALA CB	3.59			15.00
	34 LEU N		40.17	83.80	100
	34 LEU CA	1.35	Staurioù Paulioù P	84.49	15.00
	34 LEU C	9 1 mm/ 47 / 1 1 1		85.40	
	34 LEU O		41.08	06.60	15.00
	34 LEU CB	1 64	41.47	04.03	15.00
		1.64 3.09			
		and the second of the second	42.99		15.00
			44.29	the first state of the state of	15.00
	35 GLU N			85.87	
	202		40.56	04.67	15.00
	35 GLU C	-2.32			
		-2.66 -3.66		85.64	
	35 GLU CB				15.00
		4.70	40.28	83.45	15.00

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35 GLU CG	-2.84	41.50	82.57	15.00
35 GLU CD	-3.34	41.23	81.17	14 (19) 1 (4) 2 (4) 1 (4)
35 GLU OE1	-3.19	40.08	80.70	15.00
35 GLU OE2	-3.87	42.16	80.54	15.00
36 GLY N	-1.84	38.10	85.50	15.00
36 GLY CA	-2.08	36.89	86.26	15.00
36 GLY C	-1.99	37.16	87.76	15.00
36 GLY O	-2.78	36.62	88.55	15.00
37 GLN N	-1.03	37.99	88.17	15.00
37 GLN CA	-0.86	38.31	89.57	15.00
37 GLN C	-1.88	39.32	90.06	15.00
37 GLN 0	-2.40	39.18	91.17	15.00
37 GLN CB	0.55	38.83	89.86	15.00
37 GLN CG	1.61	37.74	90.00	15.00
37 GLN CD	1.14	36.57	90.83	15.00
37 GLN OE1	0.97	36.67	92.05	15.00
37 GLN NE2	0.93	35.43	90.17	15.00
38 LEU N	-2.17	40.32	89.23	15.00
38 LEU CA	-3.14	41.34	89.61	15.00
38 LEU C	-4.49	40.73	90.02	15.00
38 LEU O	-5.12	41.20	90.95	15.00
38 LEU CB	-3.34	42.35	88.48	15.00
38 LEU CG	-4.22	43.54	88.86	15.00
38 LEU CD1	-3.64	44.20	90.08	15.00
38 LEU CD2	-4.33	44.53	87.71	15.00
39 LYS N	-4.92	39.70	89.30	15.00
39 LYS CA	-6.18	39.02	89.60	15.00
39 LYS C	-6.00	38.22	90.90	15.00
39 LYS O	-6.92	38.19	91.73	15.00
39 LYS CB	-6.58	38.09	88.45	15.00
39 LYS CG	-7.57	36.99	88.79	15.00
39 LYS CD		37.51		15.00
39 LYS CE	-9.89	36.35	89.41	15 00
39 LYS NZ	-11.25	36.77	89.82	15.00
40 LYS N	-4.83	37.60	91.07	15.00
40 LYS CA	-4.57	36.82	92.28	15.00
40 LYS C	-4.64	37.74	93.49	15 00
40 LYS O	-5.25	37.40	94.51	15.00
10 LYS CB	-3.20			
	-3.09	34.85	100 44 1 6 6 6	15.00
10 LYS CD	-1.63		93.04	
10 LYS CE			93.86	15.00
0 LYS NZ	0.00	32.80	94.08	15.00
11 LYS N	-4.06	38.93	93.36	

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41 LYS CA	-4.06	39.93	94.43	15.00
41 LYS C	-5.40	40.66	94.59	
41 LYS 0	-6.17	40.38		
41 LYS CB	-2.93	40.95	94.23	200
41 LYS CG	-1.55	40.33	94.11	
41 LYS CD	-1.34	39.26	95.18	
41 LYS CE	-0.06	38.46	94.95	15.00
41 LYS NZ	-0.04	37.19	95.74	15.00
42 THR N	-5.69	41.58	93.67	15.00
42 THR CA	-6.91	42.36	93.75	15.00
42 THR C	-8.23	41.65	93.40	15.00
42 THR O	-9.28	42.28	93.37	15.00
42 THR CB	-6.77	43.64	92.91	15.00
42 THR OG1	-6.89	43.34	91.51	15.00
42 THR CG2	-5.40	44.26	93.16	Annual Control of the
43 GLY N	-8.17	40.35	93.10	15.00
43 GLY CA	-9.38	39.62	92.78	15.00
43 GLY C	-10.09	39.89	91.44	15.00
43 GLY O	-10.94	39.09	91.03	15.00
44 LYS N	-9.82	41.02	90.79	15.00
44 LYS CA	-10.45	41.31	89.50	15.00
44 LYS C	-9.41	41.72	88.45	15.00
44 LYS 0	-8.48	42.49	88.73	15.00
44 LYS CB	-11.57	42.34	89.64	15.00
44 LYS CG	-11.20	43.55	90.45	15.00
44 LYS CD	-12.43	44.28	90.95	15.00
44 LYS CE	-12.02	45.39	91.93	15.00
44 LYS NZ	-11.26	44.88	93.11	15.00
15 LEU N	-9.60	41.19	87.25	15.00
15 LEU CA	-8.69	41.41	86.13	15.00
15 LEU C	-8.92	42.66	85.26	15.00
15 LEU O	-10.04		85.12	15.00
15 LEU CB	-8.71	40.16	85.25	15 00
5 LEU CG	-7.54	39.90	84.33	15.00
to TEO. CDT.	-6.25	39.87	85.12	15.00
5 LEU CD2	-7.75	38.59	83.63	15 00
6 LEU N	-7.83	43 15	84 60	15 00
D LEU CA	-7.84	44.31	83.80	15.00
6 LEU C	0.04	**. 07	02.09	T2:00
6 LEU O	-5.76	43.51	82.93	15.00
6 LEU CB	-7.44	45.58	84.55	15.00
P TEO CC	-8.49	46.47	85.20	15.00
O TEO COT	-7.96	47.90	85.21	15.00
6 LEU CD2	-9.77	46.43	84.42	15.00

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47 ASN N	-7.11	44.56	81.49	15.00
47 ASN CA	-6.17	44.43	80.38	
47 ASN C	-5.12	45.50	80.56	15.00
47 ASN O	-5.45	46.67	80.62	15.00
47 ASN CB	-6.88	44.66	79.03	15.00
47 ASN CG	-7.67	43.45	78.57	15.00
47 ASN OD1	-7.13	42.37		
47 ASN ND2	-8.97	43.65	Transfer to the second of the	15.00
48 LEU N	-3.86	45.10	80.70	15.00
48 LEU CA	-2.77	46.07	80.88	15.00
48 LEU C	-2.15	46.34	Y / /	15.00
48 LEU O	-2.28	45.53		15.00
48 LEU CB	-1.74	45.56	81.90	
48 LEU CG	-2.26		83.27	15.00
48 LEU CD1	-1.09	44.75	84.18	15.00
48 LEU CD2	-3.18		83.91	15.00
49 SER N	-1.46	47.47	79.36	15.00
49 SER CA	-0.91	47.82	78.06	15.00
49 SER C	0.51	47.42	77.67	15.00
49 SER O	1.48	47.79	78.33	15.00
49 SER CB	-1.10	49.32	77.77	15.00
49 SER OG	-0.19	50.13	78.51	15.00
50 PRO N	0.64	46.66	76.56	15.00
50 PRO CA	1.94	46.22	76.04	15.00
50 PRO C	2.59	47.44	75.41	15.00
50 PRO 0	3.80	47.52	75.25	15.00
50 PRO CB	1.54	45.21	74.97	15.00
50 PRO CG	0.21	44.71	75.44	15.00
50 PRO CD	-0.45	45.98	75.85	15.00
51 GLN N	1.74	48.40	75.03	15.00
51 GLN CA	2.18	49.65	74.43	15.00
51 GLN C	3.01		A Transport of the Contract of	
51 GLN 0	4.12	50.87	75.11	
51 GLN CB			74.00	
51 GLN CG	1.33	51 66	73.08	15.00
51 GLN CD	1.77	51 20	71.71	15.00
51 GLN OE1	0.96	50.74	70.92	
51 GLN NE2			71.44	T. P. L. T. A. 1999
52 ASN N			그렇게 되었다.	
52 ASN CA	3.18		76.62 77.65	
52 ASN C		50.85	77.83	
52 ASN O	5.56			
52 ASN CB		51.35	77.97 78.97	
52 ASN CG		52.12		
	, -,	JE.12	80.09	TD.00

	an established and		والمناف الأستون الأراث	-47 TV 125
52 ASN OD1	2.74	51.95	81.25	15.00
52 ASN ND2	4.04	52.99	79.74	15.00
53 LEU N	4.68	49.53	77.81	15.00
53 LEU CA	5.95	48.86	77.94	15.00
53 LEU C		49.21	76.72	15.00
53 LEU 0	7.87	49.84	76.88	15.00
53 LEU CB	5.75	47.35	78.08	15.00
53 LEU CG	5.11	46.95	and the state of t	15.00
53 LEU CD1		45.45		15.00
53 LEU CD2		47.41		A. J. M. W. Marten and A. M. 1997
54 VAL N		48.87	4	15.00
54 VAL CA		49.15	74.25	15.00
54 VAL C	7.63	and the second second	74.20	15.00
54 VAL O	8.85		74.04	15.00
54 VAL CB		49.01	73.03	
54 VAL CG1	— A. J. 60 A. S. S. S. A. S.	49.55	71.75	15.00
54 VAL CG2	20 April 20	47.56	72.83	15.00
55 ASP N	· · · · · · · · · · · · · · · · · · ·	51.55	74.37	15.00
55 ASP CA	7.12	and the state of the second	74.31	15.00
55 ASP C	8.05	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75.40	<ul> <li>*** *** *** *** *** *** *** ***</li> </ul>
55 ASP O	8.84	1 1/2 1	75.19	15.00
55 ASP CB	5.85	National Control of the Control of t	74.36	15.00
55 ASP CG	1. 54 Y.S. V. V. V. Y. Y.	53.56	73.22	15.00
55 ASP OD1	5.23		72.24	15.00
55 ASP OD2	3.72	54.05	73.29	19.196 : 197 St 193
56 CYS N	7.97	52.82		. 1970, M.M. 1971 .
56 CYS CA	5. 69. 50.200 (1964-1987) P	53.27	er i kalan ingga Maraba K	15.00
56 CYS C	9.97	52.47	78.16	15.00
56 CYS O			78.54	15.00
56 CYS CB	7.81	53.52	78.84	15.00
56 CYS SG	6.36	54.45	78.28	15.00
57 VAL N		51.15		and the second second
57 VAL CA 57 VAL C	10.98	The state of the s	78.60	15.00
57 VAL C	12.16		77.62	15.00
57 VAL CB		49.50		15.00
57 VAL CG1	10.54		78.71	
57 VAL CG1	11.66	47.98		15.00
	12 05	48.72	19.52	1 New
58 SER CA	12.85	31.5/ 51.07		15.00
58 SER CA		51.87		15.00
	15.15 16.13		76.84	
58 SER CB	16.13	52 07	70.13	15.00
58 SER OG	14.48 14.95			
	13.70	53.34	78.42	15.00

	*	TABLE	I	
59 GLU N	15.09	49.92	77.71	15.00
59 GLU CA		48.93	4.7	15.00
59 GLU C	15.93	47.86		15.00
59 GLU O	16.77	46.99	76.50	15.00
59 GLU CB		48.30	79.22	
59 GLU CG	16.39		80.39	15.00
59 GLU CD	15.13		80.88	15.00
59 GLU OE1	14.38		81.70	15.00
59 GLU OE2	14.90	and the second of the second of the second	80.46	15.00
60 ASN N		47.91		15.00
60 ASN CA		46.98	75.04	15.00
60 ASN C		47.73	73.71	15.00
60 ASN O	13.99	and the second of the second of	73.69	15.00
60 ASN CB	13.13	46.26	75.38	15.00
60 ASN CG	13.27	No. 116	76.57	1. * 20.72 (2.28) A. 15.3
60 ASN OD1		45.22		15.00
60 ASN ND2	14.41	44.68	76.68	15.00
61 ASP N	14.39		72.61	15.00
61 ASP CA	14.25	47.65	71.31	15.00
61 ASP C	12.82	48.03	70.94	15.00
61 ASP 0	12.60	48.65	69.91	15.00
61 ASP CB	14.84	46.75	70.23	15.00
61 ASP CG 61 ASP OD1	15.93	47.43	69.44	15.00
61 ASP OD2	15.87	48.66	69.28	15.00
62 GLY N	16.85		68.98	15.00
62 GLY CA	11.84	47.67	71.77	
62 GLY C	10.46		71.45	
62 GLY O		47.03	70.41	15.00
63 CYS N	9.71 9.68		70.70	15.00
63 CYS CA	9.19	47.50 46.60	69.20	15.00
			68.16	15.00
63 CYS O	10.33	40.71	67.70	15.00
63 CYS CB	10.09	47 3C	67.04	15.00
63 CYS SG	8.59 6.94	47.30 AP AD	66.99	15.00
64 GLY N	6.94 11.56	46.02	60.03	15.00
64 GLY CA	12 72	45 32	67.60	15.00
64 GLY C	12.90	44 16	60 64	15.00
	13.65	43 21	60.04	15.00
	12.20	44 23	69 70	15.00
65 GLY CA	12.20 12.28	43 17	70 77	15.00
65 GLY C	12.86	43 58	72 11	15 00
65 GLY O	13.34	44.70	72 31	15:00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.81	42.65	73.05	15.00
		. *** ** **.**		

				OME STERNE	
	66 GLY CA	13.34	42.92	74.37	15.00
	ee GTA G	13.08	41.77	75.32	15.00
	66 GLY O	12.42	40.80	74.94	
	67 TYR N			76.55	
	67 TYR CA			77.56	
	67 TYR C	12.23	41.18	78.48	15.00
	67 TYR O	11.93	42.34	78.75	15.00
	67 TYR CB	14.68		12.1 LE 10.0 C	
	67 TYR CG	15.91		시간 이 없는 것은 것이 없었다.	15.00
	67 TYR CD1	16.20		76.98	
	67 TYR CD2	16.77	41.61	77.29	15 00
	67 TYR CE1	17.33	39.13	76.18	15.00
	67 TYR CE2	17.90	41.44	76.49	
	67 TYR CZ	18.18	40.20	75.94	
	67 TYR OH	19.27		75.12	OCT 170 TO 1 TO 6 600 MILES
	68 MET N	11.57		78.99	
	68 MET CA	10.45			TO Producer and Control (Green In-
		10.90			15.00
6 76 h.	68 MET O	10.21	41.72	81.83	
	68 MET CB		医双角线膜炎 医白髓 电点		15.00
	68 MET CG	8.97		1.0	15.00
	68 MET SD		A STATE A LINE AREA OF THE	77.92	
	68 MET CE	11.01			15.00
	69 THR N	12.09			15.00
	69 THR CA		41.03		15.00
	69 THR C	12.76		82.93	15.00
	69 THR O	12.33		- W - 1,000 A - 1,000 M - 1	
	69 THR CB	13.98		The same of the sa	
	69 THR OG1	14.96	40.72	82.30	15.00
	69 THR CG2	13.84	38.85	83.35	252 Y X 200 C + 66 .
		13.33			
	70 ASN CA	13.53	44.54	81.73	8 8 9 1 P 4 9 4 9 4 7 7 7 9 7 9 7 9 7 9 7 9 7 9 7
	70 ASN C	12.24	45.34	81.80	15.00
	70 ASN 0	12.25	46.51	82.16	
	70 ASN CB	14.28	44.87	80.45	15.00
	70 ASN CG	15.72	44.45	80.52	15.00
	70 ASN OD1	16.11	43.68	81.39	15.00
	70 ASN ND2	16.54	44.97	79.61	15.00
	71 ALA N	11.14	44.68	81.45	15.00
	71 ALA CA	9.81	45.28	81.50	15.00
	71 ALA C	9.27		82.93	
	71 ALA 0	8.72	46.14	83.46	15.00
	71 ALA CB	8.88	44.57	80.51	15.00
	72 PHE N	9.46	44.02	83.55	15.00
	•				

		and the second of the second		25,235,24 (1.5)
72 PHE CA	9.02	43.79	84.93	15.00
72 PHE C	9.63			and the second of the second
72 PHE O	8.94	45.51		
72 PHE CB	9.49		85.44	
72 PHE CG	8.73			COMMANDO O COMPANS
72 PHE CD1	7.40	41.42		resolver in the first of the second
72 PHE CD2		40.04		the and the first of the second
72 PHE CE1	6.67	40.35		
72 PHE CE2	8.62	38.96	84.24	
72 PHE CZ	7.29	39.12		15.00
73 GLN N	10.93	45.05		15.00
73 GLN CA	11.67	46.04		15.00
73 GLN C	11.17	47.48	86.11	15.00
73 GLN O	11.29	48.37	86.94	* N. W.
73 GLN CB	13.16	45.86	86.13	A
73 GLN CG	14.11	46.75	86.94	15.00
73 GLN CD	14.52	46.20	88.32	15.00
73 GLN 0E1	15.45	46.73	88.93	15.00
73 GLN NE2	13.85	45.16	88.80	15.00
74 TYR N	10.54	47.68	84.96	NO WAR 1995 - 125
74 TYR CA	10.04	49.00	84.58	15.00
74 TYR C	8.81	49.41	85.38	15.00
74 TYR O	8.69	50.56	85.81	15.00
74 TYR CB	9.72	49.05	83.08	15.00
74 TYR CG	8.90	50.26	82.67	15.00
74 TYR CD1	9.48	51.52	82.60	15.00
74 TYR CD2	7.54	50.14	82.44	15.00
74 TYR CE1		52.63	82.31	15.00
74 TYR CE2	6.77	51.25	82.15	15.00
74 TYR CZ	7.36	52.49	82.09	15.00
74 TYR OH	6.58	53.59	81.84	15.00
75 VAL N	7.87	48.48	85.54	15.00
75 VAL CA	6.65	48.74	86.31	15.00
75 VAL C	7.07	49.05	87.76	15.00
75 VAL O	6.41	49.80	88.47	15.00
75 VAL CB	5.73	47.48	86.38	15.00
75 VAL CG1	4.32	47.87	86.73	15.00
75 VAL CG2	5.77	46.72	85.07	15.00
76 GLN N	8.18	48.44	88.18	15.00
76 GLN CA		48.62		15.00
76 GLN C	9.26	50.02	89.71	15.00
76 GLN 0	8.62	50.86	90.31	15.00
76 GLN CB	9.78		89.79	
76 GLN CG	10.35	47.60	91.20	15.00

			<ul><li>2. 25 (20) (20) (1994)</li></ul>	the second second	
5A-5A6	76 GLN CD	11.53	46.64	91.36	15.00
	76 GLN 0E1	12.17		90.38	
	76 GLN NE2	The second second	46.25	92.59	
	77 LYS N		50.30		15.00
	77 LYS CA		51.62	The state of the s	
	77 LYS C	10.24	52.83	88.85	15.00
		10.34			
	77 LYS CB				
	77 LYS CG	100 March 100 Ma	め しんしんしょうしょうしき かんりつ	87.30	15.00
	77 LYS CD		50.69	86.97	15.00
	77 LYS CE	14.06	49.75	85.79	15.00
	77 LYS NZ	15.39	49.07	85.82	15.00
	78 ASN N	1 NOV 11 C 31 1 3	52.69	87.77	15.00
		8.67		87.31	
		7.51			
	78 ASN 0	6.94	TOTAL SEE STOLE SEE STOLE SE	88.41	
		8.12			
	78 ASN CG	7.17	54.66	85.44	15.00
	78 ASN OD1	<ul> <li>A 1</li></ul>	ためい せいじょん しがりん たんし	85.09	15.00
		5.88	and the first to the country of the	85.44	15.00
		7.19			
	79 ARG CA		52.78	89.94	15.00
	79 ARG C			89.33	
	79 ARG O				
	ALC: 100 PM (100 PM (1	6.31	53.81	91.08	15.00
	79 ARG CG				
	79 ARG CD			93.06	
	79 ARG NE		54.23		
	79 ARG CZ	6.60	53.00	94.59	15.00
	79 ARG NH1	7.24	51.94	94.09	15.00
	79 ARG NH2			95.58	
	80 GLY N	4.27		88.76	
	80 GLY CA			88.15	
	80 GLY C	2.98	51.54	86.64	
	80 GLY O			85.97	
	81 ILE N	1.98			
	81 ILE CA		50.64		15.00
	81 ILE C			84.23	
	81 ILE 0			84.96	
	81 ILE CB			84.30	
	81 ILE CG1	2.27	48.99	82.78	15.00
	81 ILE CG2		10 1000 1000		
	81 ILE CD1	2.64		82.36	
	82 ASP N	0.29	51.58	83.05	15.00

	기능이 그렇게 얼래 시민이었다				
	82 ASP CA	-1.04	51.93	82.56	15.00
	82 ASP C	-1.89	50.76	82.07	15.00
	82 ASP 0	-1.38	49.69	81.71	15 00
	82 ASP CB	-0.93	52.93	81.42	15.00
	82 ASP CG	-0.47	54.29	81.87	15.00
	82 ASP OD1		54.63	the contract of the contract o	15.00
	82 ASP OD2	0.08	55.02	81.02	15.00
	83 SER N	-3.20	50.96	82.05	15.00
	83 SER CA	-4.12	49.95	81 56	15 00
	83 SER C	-4.32	50.20	80.07	15 00
	83 SER O	-4.22	51.34	79.61	15.00
	B) SER CB	-5.46	50.02	82.32	15 00
	83 SER OG	-6.06	51.30	82.22	15.00
	O# GLU N	-4.61	49.14	79.32	15.00
	84 GLU CA	-4.81	49.22	77.86	15.00
	84 GLU C	-5.66	50.40	77.38	15.00
	84 GLU O	-5.20	51.19	76.57	15 00
	84 GLU CB	-5.39	47.91	77 33	15 00
	84 GLU CG	-5.73	47.89	75.85	15.00
	84 GLU CD	-4.51	47.97	74.94	15.00
	84 GLU OE1	-3.51	47.25	75.17	15 00
	84 GLU OE2	-4.57	48.74	73.96	15.00
	85 ASP N	-6.87	50.53	77.90	15.00
		-7.72	51.61		
	85 ASP C	-7.12	52.99	77.70	15.00
	85 ASP O	-7.49	53.97	77.03	15.00
	85 ASP CB	-9.10	51.52	78.07	15 00
	85 ASP CG	-10.07	52.52	77.46	15 00
	85 ASP OD1	-9.97	52.79	76.24	15.00
	85 ASP OD2	-10.93	53.06	78.21	15.00
	86 ALA N	-6.18	53.08	78.64	15.00
	86 ALA CA	-5.54	54.36	78.93	
	86 ALA C	-4.30		78.04	15.00
	86 ALA O	-3.90	55.70	77.78	15.00
	86 ALA CB	-5.16	54.45	80.40	15.00
	87 TYR N	-3.74	53.48	77.53	15.00
1991 -	87 TYR CA	-2.56	53.54	76.67	15.00
	87 TYR C		52.41	75.64	15.00
	87 TYR O	-1.98	* . *	75.73	15.00
	87 TYR CB	(J. 1979) - 1 - 1 - 1 - 1		77.55	15.00
	87 TYR CG			77.01	15.00
	87 TYR CD1	0.20		75.64	15.00
	87 TYR CD2	N		77.89	15.00
	87 TYR CE1	1.41	54.47	75.16	15.00

### TABLE

87 TYR CE2					and the state of the factor of
87 TYR CZ	87 TYR CE2	2.20	54.77	77.41	15.00
87 TYR OH	87 TYR CZ	1 17 17 17 17	and the second of the		
88 PRO N -3.60 52.58 74.65 15.00 88 PRO CA -3.93 51.66 73.55 15.00 88 PRO C -2.80 51.22 72.61 15.00 88 PRO O -2.08 52.05 72.06 15.00 88 PRO CB -5.01 52.43 72.79 15.00 88 PRO CB -5.01 52.43 72.79 15.00 88 PRO CC -3.64 53.28 73.84 15.00 88 PRO CD -4.42 53.80 74.54 15.00 89 TYR N -2.74 49.92 72.34 15.00 89 TYR C -1.83 49.79 70.01 15.00 89 TYR C -1.83 49.79 70.01 15.00 89 TYR C -1.83 49.79 70.01 15.00 89 TYR C -1.84 77.82 71.56 15.00 89 TYR CB -1.74 47.82 71.56 15.00 89 TYR CB -0.54 47.18 70.92 15.00 89 TYR CD1 0.75 47.59 71.30 15.00 89 TYR CD2 -0.66 46.24 69.91 15.00 89 TYR CE1 1.88 47.07 70.69 15.00 89 TYR CE2 0.47 45.70 69.28 15.00 89 TYR CB 1.88 47.07 70.69 15.00 89 TYR CB 2.87 45.65 69.09 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL CB -0.55 50.51 67.23 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG -0.55 50.51 67.23 15.00 90 VAL CG -0.88 50.63 66.03 15.00 90 VAL CG -0.83 50.63 66.03 15.00 90 VAL CB -0.63 52.83 68.21 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.15 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 3.46 52.85 65.38 15.00 92 GLN CB 3.46 52.85 65.35 15.00	87 TYR OH	3.61	55.32		the state of the state of
88 PRO CA	88 PRO N	-3.60			
88 PRO C	88 PRO CA		16 ( ) A N. M		
88 PRO O -2.08 52.05 72.06 15.00 88 PRO CB -5.01 52.43 72.79 15.00 88 PRO CG -5.64 53.28 73.84 15.00 88 PRO CD -4.42 53.80 74.54 15.00 89 TYR N -2.74 49.92 72.34 15.00 89 TYR CA -1.71 49.35 71.48 15.00 89 TYR C -1.83 49.79 70.01 15.00 89 TYR O -2.46 49.11 69.21 15.00 89 TYR CB -1.74 47.82 71.56 15.00 89 TYR CG -0.54 47.18 70.92 15.00 89 TYR CD -0.54 47.18 70.92 15.00 89 TYR CD -0.66 46.24 69.91 15.00 89 TYR CD1 0.75 47.59 71.30 15.00 89 TYR CD2 -0.66 46.24 69.91 15.00 89 TYR CE1 1.88 47.07 70.69 15.00 89 TYR CE2 0.47 45.70 69.28 15.00 89 TYR CB -1.74 46.13 69.68 15.00 89 TYR CB -1.26 56.69.09 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL CA -0.55 50.51 67.23 15.00 90 VAL CB -0.63 52.83 68.21 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.15 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN NEZ 2.39 53.25 63.25 15.00	88 PRO C				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
88 PRO CB	88 PRO O			·	
88 PRO CG	88 PRO CB	4	A 11 19 19 19 19 19 19 19 19 19 19 19 19		
88 PRO CD	88 PRO CG				the state of the s
89 TYR N -2.74 49.92 72.34 15.00 89 TYR CA -1.71 49.35 71.48 15.00 89 TYR C -1.83 49.79 70.01 15.00 89 TYR O -2.46 49.11 69.21 15.00 89 TYR CB -1.74 47.82 71.56 15.00 89 TYR CG -0.54 47.18 70.92 15.00 89 TYR CG -0.54 47.18 70.92 15.00 89 TYR CD1 0.75 47.59 71.30 15.00 89 TYR CD2 -0.66 46.24 69.91 15.00 89 TYR CE1 1.88 47.07 70.69 15.00 89 TYR CE2 0.47 45.70 69.28 15.00 89 TYR CE2 1.74 46.13 69.68 15.00 89 TYR CB 1.19 50.88 69.65 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL CB -0.63 50.51 67.23 15.00 90 VAL CB -0.63 50.51 67.23 15.00 90 VAL CB -0.63 50.83 68.21 15.00 90 VAL CG -0.55 50.51 67.23 15.00 90 VAL CG -0.63 50.83 68.21 15.00 90 VAL CG -0.63 50.83 68.21 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY C 2.38 49.17 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.15 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	88 PRO CD	-4.42			
89 TYR CA	89 TYR N	-2.74	49.92	* . * :	
89 TYR C -1.83 49.79 70.01 15.00 89 TYR O -2.46 49.11 69.21 15.00 89 TYR CB -1.74 47.82 71.56 15.00 89 TYR CG -0.54 47.18 70.92 15.00 89 TYR CD 0.75 47.59 71.30 15.00 89 TYR CD1 0.75 47.59 71.30 15.00 89 TYR CD2 -0.66 46.24 69.91 15.00 89 TYR CE1 1.88 47.07 70.69 15.00 89 TYR CE2 0.47 45.70 69.28 15.00 89 TYR CE 1.74 46.13 69.68 15.00 89 TYR CE 1.74 46.13 69.68 15.00 89 TYR CD 1.19 50.88 69.65 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL C -0.55 50.51 67.23 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG1 -1.26 53.71 69.28 15.00 90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.38 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CD 3.28 53.70 64.12 15.00	89 TYR CA			<ul> <li>4.5 %</li> </ul>	the first state of the second
89 TYR O					ang tellegit panahigan d
89 TYR CB	89 TYR O				
89 TYR CG	89 TYR CB	1 2 ** 1 * 4		F 2 3 4 4 5 5	
89 TYR CD1  0.75  47.59  71.30  15.00  89 TYR CD2  -0.66  46.24  69.91  15.00  89 TYR CE1  1.88  47.07  70.69  15.00  89 TYR CE2  0.47  45.70  69.28  15.00  89 TYR CE2  1.74  46.13  69.68  15.00  89 TYR CZ  1.74  46.13  69.68  15.00  89 TYR OH  2.87  45.65  69.09  15.00  90 VAL N  -1.19  50.88  69.65  15.00  90 VAL CA  -1.22  51.40  68.29  15.00  90 VAL CA  -0.55  50.51  67.23  15.00  90 VAL CB  -0.63  52.83  68.21  15.00  90 VAL CB  -0.63  52.83  68.21  15.00  90 VAL CG2  0.88  52.80  68.33  15.00  90 VAL CG2  0.88  52.80  68.33  15.00  91 GLY N  0.37  49.65  67.64  15.00  91 GLY CA  1.01  48.77  66.67  15.00  91 GLY C  2.38  49.17  66.15  15.00  91 GLY C  2.38  49.17  66.15  15.00  92 GLN N  3.00  50.17  66.77  15.00  92 GLN CA  4.32  50.61  66.35  15.00  92 GLN CA  4.32  50.61  66.35  15.00  92 GLN CB  4.96  51.34  67.52  15.00  92 GLN CB  4.96  51.34  67.52  15.00  92 GLN CB  4.96  51.34  67.52  15.00  92 GLN CB  4.21  51.53  65.13  15.00  92 GLN CB  4.21  51.53  65.13  15.00  92 GLN CB  3.28  53.70  64.12  15.00  92 GLN CD  3.28  53.70  64.12  15.00  92 GLN NE2  2.39  53.25  63.25  15.00  92 GLN NE2  2.39  53.25  63.25  15.00	89 TYR CG				
89 TYR CD2	89 TYR CD1				
89 TYR CE1					이 없는 일을 하다 그
89 TYR CE2	89 TYR CE1		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		表 15.00 x 16.00 x 15.00 x 15.
89 TYR CZ 1.74 46.13 69.68 15.00 89 TYR OH 2.87 45.65 69.09 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL C -0.55 50.51 67.23 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG1 -1.26 53.71 69.28 15.00 90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.89 48.57 65.20 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN NB2 2.39 53.25 63.25 15.00 93 GLU NB2 2.39 53.25 63.25 15.00 93 GLU NB2 2.39 53.25 63.25 15.00	89 TYR CE2		and the second second		
89 TYR OH 2.87 45.65 69.09 15.00 90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL C -0.55 50.51 67.23 15.00 90 VAL C -0.83 50.63 66.03 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG1 -1.26 53.71 69.28 15.00 90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY O 2.89 48.57 65.20 15.00 92 GLN CA 4.32 50.17 66.77 15.00 92 GLN CA 4.32 50.13 67.52 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.28 53.70 64.12 15.00 92 GLN CB 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	6 1. 3400 a. 6 1. 46 1. 46 1 4 4 . 1 . 11		** * % *		
90 VAL N -1.19 50.88 69.65 15.00 90 VAL CA -1.22 51.40 68.29 15.00 90 VAL C -0.55 50.51 67.23 15.00 90 VAL O -0.83 50.63 66.03 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG1 -1.26 53.71 69.28 15.00 90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY O 2.89 48.57 65.20 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN CA 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN CB 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00					
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90 VAL C -0.55 50.51 67.23 15.00 90 VAL O -0.83 50.63 66.03 15.00 90 VAL CB -0.63 52.83 68.21 15.00 90 VAL CG1 -1.26 53.71 69.28 15.00 90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY C 2.38 49.17 66.75 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLN NE2 2.39 53.25 63.25 15.00	90 VAL CA				5.1
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90 VAL CB	A 1 (2) (1 (3) 1 (3) 4 (4) 1 (4) 1 (1) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4) 1 (4)		ぶびしょう シャル		
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90 VAL CG2 0.88 52.80 68.33 15.00 91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY O 2.89 48.57 65.20 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	90 VAL CG1		1 A A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1		
91 GLY N 0.37 49.65 67.64 15.00 91 GLY CA 1.01 48.77 66.67 15.00 91 GLY C 2.38 49.17 66.15 15.00 91 GLY O 2.89 48.57 65.20 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CC 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00				era dia afiafi aa	18.77
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91 GLY C 2.38 49.17 66.15 15.00 91 GLY O 2.89 48.57 65.20 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	91 GLY CA		and the same of th		admik kili ili ali a dik
91 GLY 0 2.89 48.57 65.20 15.00 92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00					
92 GLN N 3.00 50.17 66.77 15.00 92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00					
92 GLN CA 4.32 50.61 66.35 15.00 92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00		3.00	50.17	66.77	15.00
92 GLN C 4.96 51.34 67.52 15.00 92 GLN O 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	92 GLN CA				
92 GLN 0 4.33 51.51 68.57 15.00 92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	92 GLN C	4.96	51.34	67.52	15 00
92 GLN CB 4.21 51.53 65.13 15.00 92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00		4.33	51.51	68.57	15 00
92 GLN CG 3.46 52.85 65.38 15.00 92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	92 GLN CB	4.21	51.53	65.13	15.00
92 GLN CD 3.28 53.70 64.12 15.00 92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	92 GLN CG	3.46	52.85	65.38	15.00
92 GLN OE1 3.93 54.73 63.94 15.00 92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00	医环状性 医乳性性 医乳腺管体 医二氯甲二甲二二二二甲二二二二二二二二二二二二二二二二二二二二二二二二二二二二				
92 GLN NE2 2.39 53.25 63.25 15.00 93 GLU N 6.19 51.79 67.34 15.00					
93 GLU N 6.19 51.79 67.34 15.00	92 GLN NE2	2.39	53.25	63.25	15.00
93 GLU CA 6.90 52.49 68.39 15.00	93 GLU N	6.19	51.79	67.34	15.00
(1) 2000년 전 1일	93 GLU CA	6.90	52.49	68.39	15.00
	(1) 2007년 (1992년 - 1992년 (1992년 ) 1일 (1992년 (1992년 - 1992년 )				

WO 97/16177				PCT/US96/17512	
		TABLE	ı		
93 GLU C	6.60	53 00	68.38	15000	
93 GLU 0	6.84	54.67	[1] A. P. P. Politic and A. P. Martin, Phys. Lett. 5, 110 (1997).		
93 GLU CB			68.23		
93 GLU CG			68.17		
93 GLU CD	10.30	and the state of the	68.23	15.00	
93 GLU 0E1	10.85			15.00	
93 GLU 0E2	10.93	50.50	67.15		
94 GLU N	6.08		69.49		
94 GLU CA	5.76	55.90		15.00	
94 GLU C	6.54	56.47		15.00	
94 GLU 0	7.40	55.80	71.37	15.00	
94 GLU CB	4.27	56.10	69.86	15.00	
94 GLU CG	3.45	56.13		15.00	
94 GLU CD	1.96	56.28	68.85	15.00	
94 GLU 0E1	1.48	55.64	69.81	15 00	
一点就不知,"我是一定",这是我们的"我们是,我就就是我的人,我们也不会	1.27	57.03	68.11	15.00	
erf from the control of the control	6.22	57.71	71.14	15.00	
95 SER CA	6.84	58.41	72.26	15.00	
95 SER C	6.16	57.91	73.52	15.00	
95 SER 0		57.82	73.58	15.00	
95 SER CB		59.93		15.00	
95 SER OG		60.23	71.89	15.00	
96 CYS N	6.96	化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		15.00	
			75.77		
	5.44	and the state of the state of		15.00	
96 CYS 0		59.03	76.95	15.00	
96 CYS CB	7.59		76.74	15.00	
96 CYS SG		56.38	e and a second of	15.00	
97 MET N 97 MET CA		57.73		15.00	
医抗性性 医乳腺 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00	
97 MET C	2.40			15.00	
			78.06		
	2.36	58.73	75.69		
	1.29	59.52		15.00	
				15.00	
	-0.36 3.20		73.71		
98 TYR CA			79.01 80.26		
98 TYR C			81.06		
		59.26		15.00	
		the state of the s	81.11		
98 TYR CG		and the second second	82.48		
98 TYR CD1		56.92		15,00	
98 TYR CD2	2.95	54.72		15.00	

		·		
98 TYR CE1		56.49	84.80	15.00
98 TYR CE2	2.52	54.29	83.95	
98 TYR CZ	2.45	55.18	84.99	
98 TYR OH	2.02	54.77	86.22	15.00
99 ASN N	0.69	57.92	81.43	- 10.0000000 + M. (M. 1.0)
99 ASN CA	-0.14	58.84	82.20	
99 ASN C	-0.54	58.20	83.54	
99 ASN O	-1.31	57.23	83.58	
99 ASN CB	-1.37	59.22		15.00
99 ASN CG	-2.38	60.08	82.13	15.00
99 ASN OD1	-2.01	60.89	82.99	15.00
99 ASN ND2	-3.66	59.90	81.80	15.00
100 PRO N	-0.02	58.74	84.65	15.00
100 PRO CA	-0.30	58.24	86.00	15.00
100 PRO C		58.23	86.33	15.00
100 PRO 0	-2.22	2 5 - 1	87.19	15.00
100 PRO CB		59.22	86.90	15.00
100 PRO CG	1.58	59.70	86.02	15.00
100 PRO CD	0.86	59.92	84.71	
101 THR N	-2.53	59.08	85.65	15.00
101 THR CA	-3.96	59.13	85.89	15.00
101 THR C		57.81	85.43	15.00
101 THR 0	: '	57.43	85.89	15.00
101 THR CB	-4.63		85.10	15.00
101 THR OG1	-3.86	61.45		15.00
101 THR CG2	-6.03	60.52	85.66	15.00
102 GLY N		57.13	84.52	15.00
102 GLY CA	-4.33	55.86	84.01	15.00
102 GLY C	-3.55	54.62	84.42	15.00
102 GLY 0			83.67	15.00
103 LYS N	-2.90	54.62	85.59	15.00
103 LYS CA	-2.15	53.44		
103 LYS C	-3.12	52.35	86.50	15.00
103 LYS 0	-4.26	52.65	86.86	15.00
103 LYS CB	-1.13	53.83	87.11	15.00
103 LYS CG	-1.51	53.50	88.56	15.00
103 LYS CD		52.13		
103 LYS CE	-1.39	51.77	90.40	15.00
103 LYS NZ	-1.11	50.35	90.75	15.00
104 ALA N 104 ALA CA	-2.68	51.10	86.52	15.00
	-3.55	50.01	86.96	15.00
	-2.86	48.86	87.68	15.00
104 ALA CB	-3.52			
TOA WIN CB	-4.37	49.49	85.79	15.00

				Harris GON A
105 ALA N	-1.55	48.92	87.82	15.00
105 ALA CA	-0.83	47.87	88.50	15.00
105 ALA C	0.53	48.36		
105 ALA 0	1.06	49.35	88.44	15.00
105 ALA CB	-0.67	46.68	87.59	2012/00/16 10 00 00
106 LYS N	1.07	47.69	in the street of the street of	4 1 4 54 15 14 di
106 LYS CA	2.39	48.03	90.56	
106 LYS C	3.24	46.76		1.3.66 (1.6.1) (1.7.6.7) (1.7.100)
106 LYS 0	2.73	45.65		
106 LYS CB	2.24	48.66		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
106 LYS CG	1.78		91.94	
106 LYS CD	1.32	50.56	88 1982 I. BUNGSER	15.00
106 LYS CE	2.44	50.52	94.34	
106 LYS NZ	3.48			15.00
107 CYS N	4.54		1 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15.00
107 CYS CA	5.42	45.76	シタータイン おがけさい 女子	15.00
107 CYS C	6.51	45.83	in deal with the state of the	15.00
107 CYS 0	7.16	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	92.14	15.00
107 CYS CB	e di di alijin en di di	45.65	89.52	20.
107 CYS SG	6.62	44.03	89.03	the contract of the contract of the contract of the
108 ARG N	6.70		92.69	15.00
108 ARG CA	7.71	44.62	93.74	15.00
108 ARG C	8.93	43.86	93.19	15.00
108 ARG O	9.61	43.14	93.93	15.00
108 ARG CB	7.16	43.87	94.96	15.00
108 ARG CG		44.58	95.79	100 600 1000
108 ARG CD		43.58	96.74	15.00
108 ARG NE	6.38	42.60	97.25	15.00
108 ARG CZ	6.16	41.29	97.39	15.00
108 ARG NH1	4.99	40.74	97.08	15.00
108 ARG NH2	The Art of Market St. 1997	40.52		15.00
109 GLY N	9.21		91.90	1992 3 3 1 N 1997 CA
	10.34			15.00
109 GLY C		42.13		u Kilofudê wê kilojî ji di e. P
109 GLY O				15.00
110 TYR N	10.86	41 22	90.10	15.00
110 TYR CA	10.59	30 00	20.23	15.00
	11.44	30 00	00.03	15.00
	12.41			
110 TYR CB	10.85			
110 TYR CG	12 30	40.42	88.05	15.00
L10 TYR CD1	13 13	30 32	97 AC	15.00
110 TYR CD2		41 70	07.40 07 EO	15.00
L10 TYR CE1	14.46			
	74.40	33.32	87.10	15.00

TABLE I PCT/US96/17512 

		IABLE		
110 TYR CE2	14.14	41.89	87.22	15.00
110 TYR CZ	14.95	40.80		
110 TYR OH	16.25	40.99		
111 ARG N	11.13	37:63	89.52	
111 ARG CA	11.87	36.45	89.91	
111 ARG C	11.88		88.75	
111 ARG 0	10.90			
111 ARG CB	11.23	35.85	91.16	
111 ARG CG	12.14	34.90	91.88	15.00
111 ARG CD	11.70	34.66	93.31	15.00
111 ARG NE	12.85	34.20		
111 ARG CZ	13.87	34.98	94.44	9 * ALON COLOR S. ** ANY
111 ARG NH1	13.87	36.28	94.12	1 - 1 M F W 2 F 1 A 1 B - 1
111 ARG NH2	14.89	34.48	95.13	erus avai araa ee ee a aa
112 GLU N		34.76	88.58	
112 GLU CA	13.15	33.79	87.50	15.00
112 GLU C	13.25	32.35		15.00
112 GLU 0	13.55	32.06	89.11	
112 GLU CB	14.38	34.11	86.66	15.00
112 GLU CG	14.35	35.49	86.11	15.00
112 GLU CD	15.46	35.72	85.14	15.00
112 GLU 0E1	15.30	35.30	83.97	15.00
112 GLU OE2	16.49	36.31	85.56	15.00
113 ILE N	12.98	31.46	86.99	15.00
113 ILE CA	13.02	30.03	87.20	15.00
113 ILE C	14.46	29.65	86.91	15.00
113 ILE 0	15.13	30.34	86.15	15.00
113 ILE CB	12.04	29.30	86.23	15.00
113 ILE CG1		29.50	86.70	15.00
113 ILE CG2		27.81	86.13	15.00
113 ILE CD1	10.10	30.93	86.65	15.00
114 PRO N	15.01		87.60	15.00
114 PRO CA	16.40		87.29	
114 PRO C		27.74	to be a large of which the party of	15.00
	15.74	26.85		15.00
114 PRO CB	16.77	27.29	88.39	15.00
114 PRO CG		26.66		
114 PRO CD	14.52			
115 GLU N		28.32		15.00
115 GLU CA	17.61		83.68	A section of the Section of the
115 GLU C		26.49		
115 GLU 0	18.36			
115 GLU CB		28.56		
115 GLU CG	18.92	30.09	82.86	15.00

		TABLE	İ	
115 GLU CD	20.11			
115 GLU OE		•	81.97 81.31	
115 GLU OE				
116 GLY N		31.79 26.11	01.9 <i>2</i>	15.00 15.00
116 GLY CA		24.74		
116 GLY C		23.78		
116 GLY 0		22.56		
117 ASN N		24.31		
117 ASN CA	14.47	23.47		
117 ASN C	12.97	23.47	84.87	15.00
117 ASN 0	12.28	24.43	85.22	15.00
117 ASN CB	rational and accompanies of the	23.97	86.51	
117 ASN CG	아이는 성상을 다양하다는	23.05	87.58	15.00
117 ASN OD1	849A N. 988B (448H 25 TATT 64 1	A	87.32	
117 ASN ND2	1945 BOXXAR4 (bT)	23.19	88.80	15.00
118 GLU N	12.47	22.38	84.29	15.00
118 GLU CA		22.27		
118 GLU C		22.01		
118 GLU O 118 GLU CB	9.16	Carbo Miller Little Barbara	85.42	15.00
118 GLU CG	in the company of the	21.20	82.99	
118 GLU CD			81.56	
118 GLU OE1			80.56	
118 GLU 0E2		20.82 19.88		15.00
119 LYS N	10.73		80.01 86.18	15.00
119 LYS CA	10.00	20.87	87.41	15.00
119 LYS C	9.79		88.28	
119 LYS 0	A CONTRACTOR OF THE STATE OF TH	22.21		
119 LYS CB	10.68	19.76	88.21	
119 LYS CG	アンド ボヤーくの チャンド しんりょくしょ	18.40		
119 LYS CD	10.13		86.81	15.00
119 LYS CE		16.35		15.00
119 LYS NZ	9.62	15.29		15.00
120 ALA N	10.73		88.21	15.00
120 ALA CA	10.61			15.00
120 ALA C	9.57	25.15	88.23	15.00
120 ALA O	8.72	25.75		15.00
120 ALA CB	11.93	25.04		15.00
121 LEU N	9.62	25.19		
121 LEU CA	8.66		86.09	15.00
121 LEU C	7.23		86.39	
121 LEU 0	6.34	26.34	86.52	15.00
121 LEU CB		25.82		
121 LEU CG	7.91	26.43	83.60	15.00

### TABLE

adaya waxaa ah a				
121 LEU CD1	8.09	27.93	83.52	15.00
121 LEU CD2	8.08			
122 LYS N	7.02	24.21		
122 LYS CA	5.69	23.70		
122 LYS C	5.24	24.18	88.19	11 20 1
122 LYS 0	4.07	24.52	88.38	15.00
122 LYS CB	5.66	22.17		and the second second
122 LYS CG	4.31	21.58	87.17	15.00
122 LYS CD	4.36	20.07		
122 LYS CE	5.50	19.63	88.22	
122 LYS NZ	5.63		88.27	15.00
123 ARG N	6.16		89.15	15.00
123 ARG CA	5.84	24.63		15.00
123 ARG C	5.51	26.11	90.47	15.00
123 ARG O	4.53	26.54		
123 ARG CB	6.99	24.36	91.49	
123 ARG CG	7.32	22.88		15.00
123 ARG CD	8.14	22.58	92.89	15.00
123 ARG NE	9.59	22.54	92.68	15.00
123 ARG CZ	10.40	23.60	92.76	15.00
123 ARG NH1	9.92	24.80	93.04	15.00
123 ARG NH2	11.71	23.43	92.63	15.00
124 ALA N	6.30	26.87	89.73	15.00
124 ALA CA	6.09	28.30	89.58	15.00
124 ALA C	4.72	28.57	88.98	15.00
124 ALA O	3.98	29.41	89.47	15.00
124 ALA CB	7.19	28.91	88.71	15.00
125 VAL N	4.37	27.84	87.92	15.00
125 VAL CA	3.07	28.02	87.28	15.00
125 VAL C	1.95	27.63	88.24	15.00
125 VAL 0	0.88	28.23	88.22	15.00
125 VAL CB	2.96	27.17	85.98	15.00
125 VAL CG1	1.52	27.07	85.51	15.00
125 VAL CG2	3.78	27.79	84.88	15.00
126 ALA N	2.21	26.64	89.08	15.00
126 ALA CA	1.22	26.16	90.04	15.00
126 ALA C	1.10	26.92	91.36	15.00
126 ALA O	0.03	26.95	91.97	15.00
126 ALA CB	1.43	24.68	90.31	15.00
127 ARG N		27.51		
127 ARG CA	2.21	28.25	93.07	15.00
127 ARG C	1.97	29.74	92.86	15 00
127 ARG O	1.45	30.43	93.75	15.00
127 ARG CB	3.55	28.07	93.81	15.00

127 ARG CG	3.44	27.25	95.07	15.00
127 ARG CD	3.83	25.82	and the second second	15.00
127 ARG NE	5.24	25.57	95.18	
127 ARG CZ	5.76	24.37	95.39	15.00
127 ARG NH1	5.03	23.27	95.29	15.00
127 ARG NH2	7.04	24.27	95.69	15.00
128 VAL N	2.38	30.23	91.69	15.00
128 VAL CA	2.22	31.64	91.36	15.00
128 VAL C	1.08	31.86	90.37	15.00
128 VAL 0	0.06	32.47	90.67	15.00
128 VAL CB	3.53	32.20	90.78	15.00
128 VAL CG1	3.48	33.72	90.75	15.00
128 VAL CG2	4.72	31.71	91.58	15.00
129 GLY N	1.27	31.35	89.16	15.00
129 GLY CA	0.26	31.49	88.14	15.00
129 GLY C	0.98	31.73	86.84	15.00
129 GLY 0	2.11	31.28	86.67	15.00
130 PRO N	0.36	32.47	85.91	15.00
130 PRO CA	0.96	32.76	84.62	15.00
130 PRO C	2.37	33.32	84.72	15.00
130 PRO O		34.37	85.32	15.00
130 PRO CB	-0.03	33.76	84.02	15.00
130 PRO CG	-1.33	33.27	84.53	15.00
130 PRO CD	-1.00	33.01	85.99	15.00
131 VAL N	3.32	32.57	84.15	15.00
131 VAL CA	4.72	32.96	84.13	15.00
131 VAL C	5.09	33.29	82.67	15.00
131 VAL 0	4.48	32.77	81.73	15.00
131 VAL CB	5.63	31.83	84.73	15.00
131 VAL CG1	5.57		83.89	15.00
131 VAL CG2	7.07	32.28	84.86	15.00
132 SER N	i de en la esperación de la compa		82.49	15.00
132 SER CA	A CONTRACTOR OF THE PARTY OF TH	34.64	81.17	15.00
132 SER C	7.58	33.70	80.71	15.00
132 SER O	8.60	33.56		15.00
132 SER CB	7.08	36.05	81.25	15.00
132 SER OG	er er i Meerika in er i in i	36.98		15.00
133 VAL N	7.39		79.58	15.00
133 VAL CA	8.39		79.03	15.00
133 VAL C	8.84		77.67	
133 VAL 0		33.43		
133 VAL CB		30.66	78.87	15.00
133 VAL CG1	8.20		80.07	15.00
L33 VAL CG2	6.37	30.65	78.66	15.00

134 ALA N	9.98	32.08	77.21	15.0
134 ALA CA	10.51	32.42	75.89	15.00
134 ALA C	10.71	31.08	75.20	15.00
134 ALA O	10.94	30.09		TO DOMESTIC STATES
134 ALA CB	11.81	33.16	76.01	
135 ILE N	10.58	31.02	73.88	15.00
135 ILE CA	10.74	29.75	<ul> <li>(1) (2) (3) (4) (4)</li> </ul>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
135 ILE C	11.25	29.93		15.00
135 ILE 0	11.54	31.04	71.29	15.00
135 ILE CB	9.39	29.00	73.05	15.00
135 ILE CG1	8.32	29.93	72.47	15.00
135 ILE CG2	8.98	28.39	74.37	15.00
135 ILE CD1	7.01	29.26	72.13	15.00
136 ASP N	11.37	28.80		1
136 ASP CA	11.80	28.77	69.65	15.00
136 ASP C	10.54	28.58	68.80	15.00
136 ASP 0	10.02	27.47	68.67	15.00
136 ASP CB	12.79	27.62	69.36	15.00
136 ASP CG	13.23	27.57	67.89	15.00
136 ASP OD1	13.18	28.61	67.20	
136 ASP OD2	13.64	26.49	67.41	15.00
137 ALA N	10.05	29.68	68.24	15.00
137 ALA CA	8.87	29.65	67.41	15.00
137 ALA C	9.23	29.70	65.91	15.00
137 ALA O	8.38	30.00	65.07	15.00
137 ALA CB	7.97	30.81	67.79	15.00
138 SER N	10.47	29.35	65.57	15.00
138 SER CA	10.91	29.38	64.18	15.00
138 SER C	10.40	28.27	63.28	15.00
138 SER O	10.47	28.39	62.06	15.00
138 SER CB	12.43	29.40	64.10	15.00
138 SER OG	12.93	30.59	64.68	15.00
l39 Leu n	9.85	27.22	63.87	15.00
139 LEU CA 🗀	9.36	26 07	63 12	15 00
	0.00	20.32	02.30	15.00
ט טבע כני	· / · U /	25 /4	62 94	15 00
39 LEU CB 39 LEU CG	9.17	24.86	64.04	15.00
.39 LEU CG	10.27	24.49	65.02	15.00
39 LEU CD1	11.61	24.35	64.30	15.00
39 LEU CD2	10.33	25.54	66.14	15.00
40 THR N	8.06	26.00	61.06	15 00
40 THR CA	6.87	26 19	60 24	15 00
40 THR C	5.73	25.38	60.86	15.00
40 THR O	4.56	25.75	60.77	15.00

140 THR CB	7.09	25.72		15.00
140 THR OG1		26.21		
140 THR CG2	6.00	26.29		
141 SER N	6.11	24.29	61.54	
141 SER CA	5.14	23.42	62.20	
141 SER C	4.49		· W. W. San San A	and the second of the second of
141 SER 0	3.32		Carlo Marria Arabitan	59 MS-241 9 112-1
141 SER CB	5.83	and the second of the second	62.64	15.00
141 SER OG	7.14			
142 PHE N	5.25			15.00
142 PHE CA		<ul> <li>Compared to the compared to the c</li></ul>	64.0 00000 000 A D	15.00
142 PHE C	3.80	The state of the life of	64.66	1.000
142 PHE 0	2.78	<ul> <li>Y 5 2 3 3 3 3 3 4 4 1 3 4 4 4</li> </ul>	65.30	45, 36, 36, 40, 40, 40, 12,
142 PHE CB	5.88	26.41	65.94	15.00
142 PHE CG	5.41	27.24		
142 PHE CD1	5.07	28.58	66.91	15.00
142 PHE CD2	5.31	26.70	68.37	15.00
142 PHE CE1	4.64	29.36	67.97	- 10° - 10°
142 PHE CE2	4.89	27.47	69.44	15.00
142 PHE CZ	4.55		1 7 May 7 130 11 12	
143 GLN N		27.43	三流 海 化光线电影	15.00
143 GLN CA	3.31	100000000000000000000000000000000000000	62.99	15.00
143 GLN C		28.03	62.57	15.00
143 GLN 0	0.95	28.72	62.84	15.00
143 GLN CB	4.05	29.25	61.89	15.00
143 GLN CG	5.12	30.14	62.48	15.00
143 GLN CD	6.22	30.52	61.51	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1
143 GLN OE1	5.97	31.14	60.47	and the second of the second
143 GLN NE2	7.45	30.19	61.86	1.00
144 PHE N	1.84	26.82	62.00	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
144 PHE CA	0.54	26.30	61.57	15.00
144 PHE C	-0.14	25.30	62.52	
144 PHE 0	-1.02	24.53	62.12	15.00
144 PHE CB	0.56	25.79	60.11	15.00
144 PHE CG	1.57	24.68	59.84	15.00
144 PHE CD1	1.63	23 54	60 63	15 00
144 PHE CD2	2.40	24.75	58.73	15.00
144 PHE CE1	2.50	22.49	60.32	15.00
144 PHE CE2	3 27	23 71	50 42	15.00
144 PHE CZ	3.32	22.58	59 22	15:00
TAD IXK N	0.27	. 25 . 33	63 79	15 00
145 TYR CA				
T42 IXK C	-1.80	24.73	64.93	15.00
145 TYR 0	-2.22	25.89	64.92	15.00

		i de la companya de l La companya de la co		
145 TYR CB	0.36	24.72	66.17	15.00
145 TYR CG	-0.43	24.13	67.33	15.00
145 TYR CD1	-0.28			15.00
145 TYR CD2	-1.38			
145 TYR CE1	-1.05			15.00
145 TYR CE2	-2.15	24.35		
145 TYR CZ	-1.99			15.00
145 TYR OH	-2.76	22.46	The second of the second	
146 SER N	1984 63 11 6 6 11 11 11	23.68	65.08	15.00
146 SER CA	-4.04	23.84		
146 SER C	-4.65	and the second of	65.20	
146 SER 0	-5.72	22.98	66.30	and the second second
146 SER CB	A CONTRACT OF A	23.29	66.81	15.00
	-4.74	23.59		
146 SER OG			63.31	
147 LYS N	-3.96	and the second of the second o	66.67	15.00
147 LYS CA	-4.48	21.04	67,73	15.00
147 LYS C	-3.46	20.00	68.23	15.00
147 LYS 0	-2.52	19.67	67.51	15.00
147 LYS CB	-5.79	20.37	67.27	15.00
147 LYS CG	-5.76	19.70	65.88	15.00
147 LYS CD	-7.11	19.05	65.50	
147 LYS CE	-7.19	18.65	64.01	
147 LYS NZ	-7.28	19.82	63.07	15.00
148 GLY N	-3.63	19.55	69.48	15.00
148 GLY CA	-2.75	18.55	70.07	15.00
148 GLY C	-1.56		70.85	
148 GLY 0	-1.43	20.29	71.06	15.00
149 VAL N	-0.71	18.18	71.31	11/2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
149 VAL CA	0.50	18.54		15.00
149 VAL C	1.66	18.70	72.07	15.00
149 VAL 0	1 - 200 1 30 134 1 37		71.06	15.00
149 VAL CB	2.06	17.74		15.00
149 VAL CG1		17.46		15.00
		17.86	73.93	
149 VAL CG2			74.08	
150 TYR N	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		70.99	
150 TYR CA	3.25		70.03	
150 TYR C			70.34	
150 TYR O	5.26	20.08	71.28	15.00
150 TYR CB	3.39		69.86	
150 TYR CG	4.42		68.81	
150 TYR CD1			67.54	
150 TYR CD2			69.11	
150 TYR CE1		The second second	66.58	
150 TYR CE2			68.15	
		ya. Pilipina		
	28 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	0.0			

150 TYR CZ	6.37	22.74	66.90	15.00
150 TYR OH	7.34	23.02	65.97	15.00
151 TYR N	5.03	18.69	69.53	15.00
151 TYR CA	6.35	18.11	69.70	15.00
151 TYR C	7.09	18.15	68.37	15.00
151 TYR 0	6.65	17.56	67.39	15.00
151 TYR CB	6.30	16.68	70.20	15.00
151 TYR CG	7.67	16.22	70.63	15.00
151 TYR CD1	8.45	17.02	71.46	15.00
151 TYR CD2	8.20	15.02	70.17	15.00
151 TYR CE1	9.74	16.65	71.82	15.00
151 TYR CE2	9.50	14.63	70.52	15.00
151 TYR CZ	10.26	15.45	71.35	15.00
151 TYR OH	11.55	15.08	71.70	15.00
152 ASP N	8.21	18.85	68.35	15.00
152 ASP CA	8.98	18.96	67.12	15.00
152 ASP C	10.47	18.82	67.44	15.00
152 ASP 0	11.08	19.72	68.03	15.00
152 ASP CB	8.70	20.31	66.45	15.00
152 ASP CG	9.22	20.37	65.03	15.00
152 ASP OD1	8.48	19.96	64.12	15.00
152 ASP OD2	10.37	20.82	64.82	15.00
153 GLU N	11.03	17.68	67.05	15.00
153 GLU CA	12.44	17.38	67.31	15.00
153 GLU C	13.40	18.37	66.69	15.00
153 GLU 0	14.59	18.34	66.98	15.00
153 GLU CB	12.76	15.94	66.86	15.00
153 GLU CG	12.29	15.56	65.44	15.00
153 GLU CD	13.28	15.95	64.33	15.00
l53 GLU OE1	14.38	15.36	64.28	15.00
l53 GLU OE2	12.95	16.84	63.50	15.00
154 SER N	12.89	19.26	65.85	15.00
154 SER CA	13.75	20.24	65.20	15.00
L54 SER C	13.86	21.54	66.01	15.00
54 SER O	14.71	22.38	65.71	15.00
54 SER CB	13.20	20.54	63.80	15.00
54 SER OG	14.08	21.32	63.02	15.00
.55 CYS N	13.02	21.69	67.03	15.00
JO CYS CA	13.01	22.90	67.86	15.00
55 CYS C	14.34	23.17	68.55	15.00
55 CYS 0	14.74	22.42	69.45	15.00
55 CYS CB	11.86	22.85	68.87	15.00
55 CYS SG	11.05	24.47	69.10	15.00
56 ASN N	15.02	24.23	68.14	15.00

			T	
156 ASN CA	16.33		68.70	15.00
156 ASN C	16.29	25.23	70.07	15.00
156 ASN 0	16.21	26.46	70.19	15.00
156 ASN CB	17.16	25.40	67.73	15.00
156 ASN CG	18.54	25.71	68.28	15.00
156 ASN OD1	18.89	26.86	68.48	15.00
156 ASN ND2	19.32	24.66	68.57	15.00
157 SER N	16.46	24.39	71.09	15.00
157 SER CA	16.46	24.79	72.50	15.00
157 SER C	17.39	25.95	72.87	15.00
157 SER 0	17.24	26.54	73.94	15.00
157 SER CB	16.79	23.56	73.34	15.00
157 SER OG	16.11	22.42	72.84	15.00
158 ASP N	18.34	26.27	71.99	15.00
158 ASP CA	19.29	27.35	72.24	15.00
158 ASP C	18.88	28.70	71.64	15.00
158 ASP 0	19.31	29.76	72.09	15.00
158 ASP CB	20.69	26.96	71.75	15.00
158 ASP CG	21.57	26.39	72.87	15.00
158 ASP OD1	21.02	25.82	73.85	15.00
158 ASP OD2	22.82	26.53	72.78	15.00
159 ASN N	18.07	28.66	70.59	15.00
159 ASN CA	17.63	29.89	69.97	15.00
159 ASN C	16.22	30.22	70.46	15.00
159 ASN O	15.25	29.58	70.04	15.00
159 ASN CB	17.69	29.76	68.45	15.00
159 ASN CG	16.80	30.75	67.73	15.00
159 ASN OD1	16.93	31.98	67.88	15.00
159 ASN ND2	15.86	30.22	66.96	15.00
160 LEU N	16.13	31.16	71.39	15.00
160 LEU CA	14.83	31.58	71.93	15.00
160 LEU C	14.48	32.83	71.16	15.00
160 LEU O	15.25	33.79	71.14	15.00
160 LEU CB	14.90	31.88	73.44	15.00
160 LEU CG	15.29	30.75	74.43	15.00
160 LEU CD1	15.63	31.34	75.78	15.00
160 LEU CD2	14.20	29.70	74.54	15.00
161 ASN N	13.32	32.82	70.51	15.00
161 ASN CA	12.91	33.94	69.69	15.00
TOT ASN C	11.44	34.33	69.76	15.00
161 ASN O	10.94	34.97	68.85	15.00
161 ASN CB	13.25	33.62	68.24	15.00
L61 ASN CG	12.59	32.35	67.78	15.00
L61 ASN OD1	11.36	32.28	67.67	15.00

				11 May 2	
	161 ASN ND2	13.38	31.31	67.58	15.00
	162 HIS N	10.72		70.78	
	162 HIS CA	9.33		A CONTRACTOR OF THE PARTY	
	162 HIS C	8.84	34.19		
	162 HIS O			72.84	
	162 HIS CB			69.91	
	162 HIS CG		34.12		15.00
	162 HIS ND1			1 2 1 2 1 2 1 1 TO THE STATE OF	15.00
\$. J.	162 HIS CD2	5.86	33.58	4.3.2	15.00
	162 HIS CE1	5.64		69.24	15.00
F. 3	162 HIS NE2	4.97	34.59	69.38	
	163 ALA N	8.58			
	163 ALA CA	8.09	35.40		15.00
	163 ALA C	6.63	34.98		
	163 ALA O	5.78	35.55		15.00
	163 ALA CB	8.27	36.79		
	164 VAL N	6.36	33.96	75.09	
	164 VAL CA	5.02	33.43		15.00
	164 VAL C	4.69	33.44	76.78	
	164 VAL 0	5.54	33.79		
	164 VAL CB	4.95		74.70	15.00
Y §	164 VAL CG1			75.37	
	164 VAL CG2	3.57		74.89	15.00
	165 LEU N	3.45	33.09	77.15	15.00
Ŋ.	165 LEU CA	3.04	33.03	78.55	15.00
	165 LEU C	2.46	31.67	78.88	15.00
	165 LEU 0	1.65	31.15	78.12	
	165 LEU CB	1.96	34.09	78.85	15.00
	165 LEU CG	1.43	34.18	80.29	
	165 LEU CD1	2.39	34.99	81.12	
	165 LEU CD2	0.06	34.82	80.33	15.00
	166 ALA N	2.87	31.11	80.01	
	166 ALA CA		29.81	80.46	15.00
**	166 ALA C	1.08	30.09	81.24	15.00
	166 ALA O	1.06	30.96	82.11	15.00
	166 ALA CB	3.36	29.12	81.34	15.00
	167 VAL N	0.02	29.38	80.89	15.00
	167 VAL CA	-1.29	29.54	81.52	15.00
Ŷ.	167 VAL C	-1.67	28.28	82.34	15.00
, 17 k 14:11	167 VAL 0	-2.71	28.21	83.00	15 00
<u>(</u>	167 VAL CB	-2.32	29.91	80.40	15.00
	167 VAL CG1	-3.67	29.28	80.59	15.00
	167 VAL CG2	-2.45	31.41	80.33	15.00
	168 GLY N	-0.76	27.32	82.38	15.00

				45
168 GLY CA	-0.99	26.12	83.13	15.00
168 GLY C	-0.16	24.99	82.57	15.00
168 GLY O	0.86	25.22	81.93	
169 TYR N	-0.61	23.78	82.81	15.00
169 TYR CA	0.05	22.58	82.33	15.00
169 TYR C	-1.02	21.51	82.42	15.00
169 TYR O	-2.11	21.76	82.93	
169 TYR CB	1.27	22.22	83.20	15.00
169 TYR CG	1.02	22.11	84.70	15.00
169 TYR CD1	0.52	20.94	85.28	15.00
169 TYR CD2	1.32	23.18	85.56	1.00
169 TYR CE1	0.32	20.84	86.66	15.00
169 TYR CE2	1.12	23.08	86.94	15.00
169 TYR CZ	0.62	21.91	87.48	15.00
169 TYR OH	0.44	21.83	88.85	15.00
170 GLY N	-0.71	20.33	81.90	15.00
170 GLY CA	-1.65	19.23	81.94	15.00
170 GLY C	-1.16	18.11	81.05	15.00
170 GLY O	-0.03	18.14	80.54	15.00
171 ILE N	-2.04	. 17.15	80.81	15.00
171 ILE CA	-1.78	15.98	79.97	15.00
171 ILE C	-2.96	15.87	79.00	15.00
171 ILE 0	-3.95	16.60	79.14	15.00
171 ILE CB	-1.62	14.73	80.86	15.00
171 ILE CG1	-1.47	13.46	80.02	15.00
171 ILE CG2	-2.76	14.65	81.87	15.00
171 ILE CD1	-1.03	12.22	80.81	15.00
172 GLN N	-2.86	15.03	77.96	15.00
172 GLN CA	-3.97	14.90	77.01	15.00
172 GLN C	-4.16	13.50	76.45	15.00
172 GLN 0	-5.04	12.76	76.88	15.00
172 GLN CB	-3.79	15.89	75.87	15.00
172 GLN CG	-4.95	15.94	74.92	15.00
172 GLN CD	-4.83	17.08	73.95	15.00
172 GLN OE1	-3.81	17.24	73.28	15.00
172 GLN NE2	-5.86	17.91	73.88	15.00
173 LYS N	-3.39	13.15	75.44	15.00
173 LYS CA	-3.51	11.81	74.89	15.00
173 LYS C	-2.36	11.09	75.55	15.00
173 LYS 0	-1.55	10.43	74.90	15.00
173 LYS CB	-3.36	11.82	73.36	15.00
T/3 LAS CC	-4.57	12.39	72.60	15.00
1/3 TAS CD	-5.81	11.53	72.82	15.00
173 LYS CE	-7.06	12.17	72.19	15.00

(APP) - [ : 144, C. C. XY 45, E. E.		7.7	- 300	
173 LYS NZ	-8.35	11.45	72.50	15.00
174 GLY N	-2.29	11.24	2.0	15.00
174 GLY CA	-1.20	10.64	77.60	15.00
174 GLY C	0.03	11.49	77.36	15.00
174 GLY 0	1.17	11.08	77.62	15.00
175 ASN N	-0.19	12.72		15.00
175 ASN CA	0.93	13.59	76.64	
175 ASN C	1.02	14.78	77.57	
175 ASN 0	0.07	5 5	77.70	15.00
175 ASN CB	0.88	14.04	75.18	15.00
175 ASN CG	0.72	12.87	74.20	15.00
175 ASN OD1	-0.28	12.77	73.49	15.00
175 ASN ND2	1.71	11.97	74.19	
176 LYS N	2.15	14.88	78.27	15.00
176 LYS CA		15.97	79.20	15.00
176 LYS C	2.40	17.22	78.34	15.00
176 LYS 0	2.76	17.17	77.16	15.00
176 LYS CB	3.83	15.84	79.78	
176 LYS CG	4.38	14.45	79.93	15.00
176 LYS CD	4.27	13.97	81.36	15.00
176 LYS CE	4.98	12.63	81.55	15.00
176 LYS NZ	4.97	12.14	82.96	15.00
177 HIS N	2.01	18.36	78.91	15.00
177 HIS CA	1.99	19.58	78.13	15.00
177 HIS C	1.88	20.86	78.95	15.00
177 HIS 0	1.47	20.84	80.12	15.00
177 HIS CB	0.88	19.53	77.06	15.00
177 HIS CG	-0.52	19.66	77.59	15.00
177 HIS ND1	-1.43	18.63	77.56	15.00
177 HIS CD2	-1.16	20.71	78.16	15.00
177 HIS CEI	-2.57	19.03	78.08	15.00
177 HIS NE2			78.45	15.00
178 TRP N		21.96	78.31	15.00
178 TRP CA	2.17	23.29	78.89	15.00
178 TRP C	1.16	24.04	78.03	15.00
178 TRP 0	1.20	23.95	76.79	15.00
178 TRP CB	3.52	23.99	78.78	15.00
178 TRP CG	4.66	23.32	79.46	15.00
178 TRP CD1	5.71	22.70	78.87	15.00
178 TRP CD2	4.94	23.34	80.86	15.00
1/8 TRP NE1	6.65	22.35	79.80	15.00
178 TRP CE2	6.21			
178 TRP CE3	4.26	23.83		
178 TRP CZ2	6.80	22.60	82.29	15.00

178 TRP CZ3	4.85	23.70	83.23	15.00
178 TRP CH2	6.12	23.09	83.38	
179 ILE N	0.22	24.75		
179 ILE CA	-0.79	25.51	77.92	
179 ILE C	-0.20	26.89	77.64	
179 ILE 0	-0.07	27.71	78.54	15.00
179 ILE CB	-2.08	25.66	78.74	15.00
179 ILE CG1	-2.67	24.27	79.03	15.00
179 ILE CG2	-3.07	26.56	78.02	15.00
179 ILE CD1	-3.80	24.25	80.04	15.00
180 ILE N	0.21	27.09	76.39	15.00
180 ILE CA	0.83	28.33	75.96	15.00
180 ILE C	-0.17	29.28	75.34	15.00
180 ILE 0	-1.09	28.85	74.65	
180 ILE CB	1.99	28.05	74.99	15.00
180 ILE CG1	3.32	28.14	75.72	15.00
180 ILE CG2	1.97	28.97	73.83	15.00
180 ILE CD1	3.53	27.06	76.73	15.00
181 LYS N	0.00	30.57	75.64	15.00
181 LYS CA	-0.85	31.66	75.14	15.00
181 LYS C	-0.01	32.55	74.22	15.00
181 LYS 0	0.91	33.23	74.68	15.00
181 LYS CB	-1.38	32.51	76.30	15.00
181 LYS CG	-2.27	33.66	75.84	15.00
181 LYS CD	-2.51	34.72	76.91	15.00
181 LYS CE	-3.38	35.84	76.37	15.00
181 LYS NZ	-3.58	36.94	77.35	15.00
182 ASN N	-0.32	32.56	72.93	15.00
182 ASN CA	0.44	33.36	71.97	15.00
182 ASN C	-0.18	34.74	71.73	15.00
182 ASN 0	-1.29	35.00	72.17	15.00
182 ASN CB	0.55	32.59		15.00
182 ASN CG	1.83	32.87	69.93	15.00
182 ASN OD1	2.41	33.95	70.05	15.00
182 ASN ND2	2.31	31.89	69.17	15.00
183 SER N	0.55	35.64	71.08	15.00
183 SER CA	0.03	36.98	70.82	15.00
183 SER C	-0.32	37.19	69.34	15.00
183 SER 0	-0.25	38.31	68.82	15.00
TOD SEK CB	· 1:03	38.04	71.25	15.00
183 SER OG	2.31	37.80	70.69	15.00
184 TRP N	-0.74	36.12	68.68	15.00
L84 TRP CA	-1.05	36.18	67.26	15.00
L84 TRP C	-2.53	36.23	66.88	15 00

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184 TRP 0	-2.87	36.09	65.71	15.00
184 TRP CB	-0.36	35.01	66.55	15.00
184 TRP CG	1.12	35.12	66.54	15.00
184 TRP CD1	1.85	36.23	66.82	15.00
184 TRP CD2	2.05	34.09	66.23	15.00
184 TRP NE1	3.18	35.97	66.69	15.00
184 TRP CE2	3.34	34.66	66.33	15.00
184 TRP CE3	1.94	32.75	65.87	15.00
184 TRP CZ2	4.51	33.92	66.09	15.00
184 TRP CZ3	3.10	32.01	65.63	15.00
184 TRP CH2	4.37	32.60	65.74	15.00
185 GLY N	-3.40	36.48	67.85	15.00
185 GLY CA	-4.82	36.54	67.56	15.00
185 GLY C	-5.46	35.18	67.75	15.00
185 GLY 0	-4.75	34.16	67.80	15.00
186 GLU N	-6.78	35.15	67.86	15.00
186 GLU CA	-7.54	33.91	68.07	15.00
186 GLU C	-7.53	32.99	66.85	15.00
186 GLU O	-7.65	31.78	67.00	15.00
186 GLU CB	-8.98	34.24	68.44	15.00
186 GLU CG	-9.10	35.32	69.49	15.00
186 GLU CD	-10.45	36.03	69.45	15.00
186 GLU OE1	-10.66	36.84	68.51	15.00
186 GLU OE2	-11.29	35.77	70.34	15.00
187 ASN N	-7.43	33.58	65.66	15.00
187 ASN CA	-7.43	32.78	64.42	15.00
187 ASN C	-6.14	31.97	64.30	15.00
187 ASN 0	-6.07	31.05	63.49	15.00
187 ASN CB	-7.64	33.68	63.19	15.00
187 ASN CG	-8.60	33.05	62.14	15.00
187 ASN OD1	-8.17	32.52	61.10	15.00
187 ASN ND2	-9.90	33.18	62.38	15.00
L88 TRP N	-5.12	32.31	65.10	15.00
L88 TRP CA	-3.87	31.57	65.07	15.00
L88 TRP C	-4.06	30.34	65.95	15.00
L88 TRP O	-4.78	30.41	66.95	15.00
L88 TRP CB	-2.71	32.38	65.64	15.00
L88 TRP CG	-1.45	31.59	65.56	15.00
L88 TRP CD1	-0.68	31.41	64.46	15.00
88 TRP CD2	-0.89	30.74	66.58	15.00
188 TRP NEI	0.30	30.49	64.71	15.00
188 TRP CE2	0.20	30.06	66.00	15.00
.88 TRP CE3	4 7 7 7	and the second second	67.92	
88 TRP CZ2	0.97		66.71	15.00

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	21	

188 TRP CZ3	-0.44	29.57	68.62	15.00
188 TRP CH2	0.64	28.92	68.02	15.00
189 GLY N	-3.38		65.60	15.00
189 GLY CA	-3.46	28.02	66.36	15.00
189 GLY C	-4.84	27.67	66.87	15.00
189 GLY 0	-5.86	27.96	66.24	15.00
190 ASN N	-4.87	27.07	68.04	15.00
190 ASN CA	-6.10	26.65	68.68	15.00
190 ASN C	-6.74	27.83	69.39	15.00
190 ASN 0	-6.67	27.92	70.61	15.00
190 ASN CB	-5.76	25.58		15.00
190 ASN CG	-6.97	24.84	70.19	15.00
190 ASN OD1	-8.11	25.26	69.96	15.00
190 ASN ND2	-6.73	23.72	70.87	
191 LYS N	-7.33	28.75	68.61	15.00
191 LYS CA	-7.97	29.96	69.14	15.00
191 LYS C	-7.01	30.82	69.95	15.00
191 LYS 0	-7.36	31.36	71.00	15.00
191 LYS CB	-9.20	29.62	69.99	15.00
191 LYS CG	-10.33	28.92	69.26	15.00
191 LYS CD	-11.50	28.66	70.20	15.00
191 LYS CE	-12.26	27.39	69.82	15.00
191 LYS NZ	-11.42	26.16	70.01	15.00
192 GLY N	-5.79	30.96	69.45	15.00
192 GLY CA	-4.80	31.75	70.13	15.00
192 GLY C	-3.88	30.93	70.99	15.00
192 GLY 0	-2.79	31.39	71.32	15.00
193 TYR N	-4.28	29.72	71.35	15.00
193 TYR CA	-3.43	28.86	72.18	15.00
193 TYR C	-2.80	27.69	71.45	15.00
193 TYR O	-3.25	27.27	70.39	15.00
193 TYR CB	-4.21	28.31	73.39	15.00
193 TYR CG		29.36	74.36	15.00
193 TYR CD1				15.00
193 TYR CD2		30.00	74.22	15.00
193 TYR CE1		30.82	76.22	15.00
193 TYR CE2		31.05	75.06	15.00
193 TYR CZ	-5.34	31.45	76.06	15.00
193 TYR OH	-5.68	32.50	76.87	15.00
194 ILE N	-1.73		72.05	15.00
	-1.01	26.02	71.53	15.00
194 ILE C	-0.53		72.71	15.00
194 ILE O	0.04	25.75	73.66	15.00
194 ILE CB		26.40	70.62	15.00

194 ILE CG1	1.05		70.32	15.00
194 ILE CG2	1.04	27.49	71.24	
194 ILE CD1	2.33	25.42		
195 LEU N	-0.86	23.92	72.69	
195 LEU CA	-0.45	23.00	73.73	15.00
195 LEU C	0.90	22.46	73.34	The Department of the Control of the
195 LEU 0	0.99	21.68	72.42	
195 LEU CB	-1.43	21.83	73.83	15.00
195 LEU CG	-2.45	21.90	74.96	15.00
195 LEU CD1	-3.38	23.07	74.76	15.00
195 LEU CD2	-3.23	20.60	74.98	15.00
196 MET N	1.95	22.94	74.01	15.00
196 MET CA	3.31	22.50	73.75	15.00
196 MET C	3.70	21.30	74.64	15.00
196 MET O	2.97	20.96		15.00
196 MET CB	4.27	23.66	73.96	15.00
196 MET CG	4.16	24.69	72.88	15.00
196 MET SD	5.11	26.17	73.23	15.00
196 MET CE	6.79	25.64	72.90	15.00
197 ALA N	4.85	20.69	0.00	15.00
197 ALA CA	5.27	19.52	75.15	15.00
197 ALA C	5.99	19.75	76.49	15.00
197 ALA O	7.03	20.42	76.57	15.00
197 ALA CB	6.07	18.58	74.28	15.00
198 ARG N	5.43	19.14	77.54	15.00
198 ARG CA	5.99	19.22	78.88	15.00
198 ARG C	6.80	17.96	79.20	15.00
198 ARG O	6.41	16.84	78.86	15.00
198 ARG CB	4.89	19.44	79.92	15.00
198 ARG CG	5.35	19.32	81.39	15.00
198 ARG CD	4.48	20.12	82.35	15.00
198 ARG NE	3.08	19.72	82.36	15.00
	2.62	18.64	82.99	15.00
198 ARG NH1	3.46	17.86	83 66	75 00
198 ARG NH2	1.33	18.34	82.95	15.00
199 ASN N	7.96	18 18	79 83	15 00
199 ASN CA	8.87	17.11	80.24	15.00
199 ASN C	9.57	16.30		15.00
199 ASN O	10.36			15.00
199 ASN CB	8.21	16.18	81.28	15.00
199 ASN CG	8.15	16.81	82.68	15.00
199 ASN OD1	7.06	17.06	83.21	15.00
199 ASN ND2	9.31	17.07	83.27	15.00
200 LYS N	9.31	16.63	77.88	15.00

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200 LYS CA	9.97	15.94	76.77	15.00
200 LYS C	11.29	16.67		
200 LYS O	11.54		75.45	
200 LYS CB	9.11	15.96	75.49	
200 LYS CG	8.09		75.36	
200 LYS CD	8.32		74.06	
200 LYS CE	7.22		73.78	
200 LYS NZ	5.87			
201 ASN N	12.13	16.71	77.57	
201 ASN CA	13.42	17.39	77.56	
201 ASN C	13.27			
201 ASN 0	13.24	18.99		
201 ASN CB	14.47	16.61	2. 65 year 1009 1000 122 600	15.00
201 ASN CG	15.92	17.21	A CONTRACT OF STREET	15.00
201 ASN OD1	16.88	16.46		
201 ASN ND2	16.06	18.52	DNO 10 1975 YOU DID	
202 ASN N	13.15	19.80	77.89	
202 ASN CA	13.04	21.22		15.00
202 ASN C	12.73	21.51		15.00
202 ASN 0	13.56	22.10	75.34	15.00
202 ASN CB	14.35	21.92	77.95	15.00
202 ASN CG	14.13	23.30		15.00
202 ASN OD1	13.04	23.64	79.00	15.00
202 ASN ND2	15.18	24.09	78.60	15.00
203 ALA N	11.55	21.12	75.59	15.00
203 ALA H	11.67	20.72	76.05	15.00
203 ALA CA	11.15	21.27	74.19	15.00
203 ALA CB	10.97	20.66	73.61	
203 ALA C	11.04	22.76	73.85	15.00
203 ALA 0	10.23	23.49	74.41	15.00
204 CYS N	11.83	23.20	72.87	
204 CYS CA	11.81	24.59	72.40	15.00
204 CYS C	12.38	25.57	73.42	15.00
204 CYS 0	12.06	26.76	73.36	15.00
204 CYS CB	10.39	25.02	72.00	15.00
204 CYS SG	9.66	24.16	70.56	15.00
205 GLY N	13.21	25.07	74.33	15.00
205 GLY CA	13.84	25.89	75.36	15.00
205 GLY C	12.87	26.70	76.20	15.00
205 GLY 0	13.17	27.80	76.64	15.00
206 ILE N	11.72	26.10	76.48	15.00
206 ILE CA	10.67	26.74	77.23	15.00
206 ILE C	11.05	27.11	78.67	15.00
206 ILE O	10.90	28.27	79.08	15.00

206 ILE CB	9.41	25.86		15.00
206 ILE CG1	8.20	ALC: SOUTH OF A STATE OF	77.77	15.00
206 ILE CG2	9.69		77.81	15.00
206 ILE CD1	6.88	25.88	77.49	15.00
207 ALA N	11.62	26.17	79.41	15.00
207 ALA CA	12.03	26.40	80.79	15.00
207 ALA C	13.38	27.11	80.93	15.00
207 ALA O	13.98	27.10	82.01	15.00
207 ALA CB	12.05	25.09	81.54	15.00
208 ASN N	13.84	27.74	79.86	15.00
208 ASN CA	15.12	28.43	79.86	15.00
208 ASN C	15.08	29.92	80.08	15.00
208 ASN 0	16.13	30.53	80.28	15.00
208 ASN CB	15.84	28.22	78.54	15.00
208 ASN CG	16.81	27.09	78.60	15.00
208 ASN OD1	16.50	26.04	79.14	15.00
208 ASN ND2	17.99	27.30	78.04	15.00
209 LEU N	13.91	30.54	79.98	15.00
209 LEU CA	13.84	31.98	80.18	15.00
209 LEU C	12.65	32.45	81.02	15.00
209 LEU O	12.23	33.63	80.94	15.00
209 LEU CB	13.89	32.69	78.83	15.00
209 LEU CG	14.33	34.16	78.81	15.00
209 LEU CD1	15.60	34.32	79.63	15.00
209 LEU CD2	14.56	34.61	77.37	15.00
210 ALA N	12.15	31.57	81.87	15.00
210 ALA H	12.50	30.94	81.70	15.00
210 ALA CA	10.99	31.87	82.71	15.00
210 ALA CB	10.41	31.04	83.16	15.00
210 ALA C	11.33	33.00	83.69	15.00
210 ALA O	12.46	33.21	84.13	15.00
211 SER N		33.74		15.00
211 SER CA	10.37	34.83	85.02	15.00
211 SER C	8.96	35.33	85.31	
211 SER 0	8.09	35.24	84.45	15.00
	11.22	- 156. va 6.66 i 26. 5 19 1 19 1 1	84.46	15.00
211 SER OG	Committee (1997) (1997) (1997) (1997)	f 16 333, 35, 17	83.53	15.00
212 PHE N	8.72		86.53	15.00
212 PHE CA		36.30	86.88	15.00
212 PHE C	* 5 400,000,000	37.49		
212 PHE 0		37.61		
212 PHE CB			87.56	
212 PHE CG 212 PHE CD1		34.60		15.00
ZIZ PRE CDI	7.39	35.31	89.94	15.00
			•	•
			1	· .
	111			
*,				•

WO 97/16177					PCT/US96/17512
· Ý-		TABLE I	<u>.</u>	N.	

		IADLE	1	
212 PHE CD2	7.68	33.28	88.69	15.00
212 PHE CE1	7.99	34.73	91.05	* * * * * * * * * * * * * * * * * * *
212 PHE CE2	8.28	32.68	89.78	
212 PHE CZ	8.44	33.41	90.97	
213 PRO N	6.69	38.43	87.80	
213 PRO CA	6.84	39.62	88.65	
213 PRO C	6.38	39.34	90.09	***
213 PRO O	5.56	38.44	90.33	15.00
213 PRO CB	5.93	40.62	87.97	15.00
213 PRO CG	4.79	39.75	87.52	1.6
213 PRO CD	5.47	38.52	86.97	15.00
214 LYS N	6.96	40.05		
214 LYS CA	6.57	39.89		15.00
214 LYS C	5.65	41.06	92.68	15.00
214 LYS 0	6.12	42.17	92.91	15.00
214 LYS CB	7.78	39.94	93.36	15.00
214 LYS CG	8.68	38.72		15.00
214 LYS CD	9.78	38.70	94.34	
214 LYS CE	10.67	39.94	94.26	
214 LYS NZ	11.94	39.80	95.03	15.00
215 MET N	4.36	40.85	92.51	
215 MET CA	3.39	41.91	92.77	15.00
215 MET C	2.86	41.71	94.19	15.00
215 MET CB	2.25	41.86	91.76	11
215 MET CG	1.06	42.74	92.12	15.00
215 MET SD	-0.32	42.54	90.98	15.00

0.28

215 MET CE

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A2) for the cathepsin K complex with inhibitor 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone.

Residue Atom	•			
Kesidde Acom	X	Ÿ	<b>Z</b>	В
1 ALA CB	-54.11	-32.66	67.34	15.00
1 ALA C	-54.02	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64.82	15.00
1 ALA O	-53.62		64.58	15.00
1 ALA N	-56.02		65.99	15.00
1 ALA CA	-54.90		66.05	15.00
2 PRO N	-53.80	-31.67	63.99	15.00
2 PRO CD	-54.47	-30.37	64.11	15.00
2 PRO CA	-52.98	-31.72	62.76	15.00
2 PRO CB	-53.14	-30.31	62.20	15.00
2 PRO CG	-54.52	-29.90	62.67	15.00
2 PRO C	-51.51	-32.06	62.95	15.00
2 PRO O	-50.99	-32.06	64.08	15.00
3 ASP N	-50.81	-32.33	61.85	15.00
3 ASP CA	-49.39	-32.67	61.91	15.00
3 ASP CB	-49.04	-33.71	60.85	15.00
3 ASP CG	-49.27	-35.14	61.32	15.00
3 ASP OD1	-48.47	-35.61	62.17	15.00
3 ASP OD2	-50.24	-35.79	60.85	
3 ASP C 3 ASP O	-48.52	-31.44	61.73	15.00
4 SER N	-47.93	-31.24	60.68	15.00
4 SER CA	-48.41	-30.64	62.79	15.00
4 SER CB	-47.62	-29.41	62.75	15.00
4 SER OG	-48.55	-28.25	62.37	15.00
4 SER C	-47.82 -47.01	-27.08	62.01	15.00
	-47.59	-29.13 -29.49	64.12	15.00
5 VAL N	-45.83	-29.49 -28.51	65.15	15.00
5 VAL CA	-45.19	-28.15	64.15 65.41	15.00 15.00
	-44.36	-29.31	66.03	15.00
5 VAL CG1	ter a second	-29.53	65.29	15.00
5 VAL CG2	-44.08	-29.04	67.50	15.00
5 VAL C	-44.34	-26.88	65.24	15.00
5 VAL O	-43.64	-26.69	64.25	15.00
6 ASP N	-44.48	-25.96	66.20	15.00

		- 1		
6 ASP CA	-43.78	-24.69	66.19	15.00
6 ASP CB	-44.75			
6 ASP CG	-44.11	-22.19	65.67	15.00
6 ASP OD1	-42.99	-21.99		15.00
6 ASP OD2	-44.75	-21.27	65.13	and the second second
6 ASP C	-43.37	-24.47	67.64	100
6 ASP O	-44.19	-24.09	68.48	15.00
7 TYR N	-42.10	-24.68	67.95	
7 TYR CA	-41.65	-24.50	69.33	
7 TYR CB	-40.30	-25.18	69.53	15.00
7 TYR CG	-40.41	-26.69	69.53	
7 TYR CD1	-40.91	-27.37		15.00
7 TYR CE1	-41.02	-28.74	70.65	15.00
7 TYR CD2	-40.02	-27.43		15.00
7 TYR CE2	-40.13	-28.80	68.42	15.00
7 TYR CZ	-40.63	-29.45		15.00
7 TYR OH	-40.70		69.53	77.1
7 TYR C	-41.62		1. P. C. B. W. C. S. C.	15.00
7 TYR O	-41.41	-22.81	71.00	15.00
8 ARG N	-41.83	-22.12	68.92	15.00
8 ARG CA	-41.84			15.00
8 ARG CB	-42.00	-19.80	68.09	15.00
8 ARG CG		-19.80	67.14	15.00
8 ARG CD	-41.13	-18.98	65.91	15.00
8 ARG NE	-42.05	-19.66	65.00	15.00
8 ARG CZ	-42.68	-19.07	64.00	15.00
8 ARG NH1	-42.49	-17.78	63.77	15.00
8 ARG NH2	-43.50	-19.77	63.22	15.00
8 ARG C	-43.00	-20.51	70.28	15.00
8 ARG O	-42.87	-19.79	71.28	15.00
9 LYS N	-44.10	-21.19	70.00	15.00
9 LYS CA	-45.30	-21.10	70.82	15.00
9 LYS CB	-46.49	-21.67	70.05	15.00
9 LYS CG	-46.76	-21.07	68.69	15.00
9 LYS CD	-48.04	-21.67	68.14	15.00
9 LYS CE	-48.28	-21.36	66.69	15.00
9 LYS NZ	-49.49	-22.07	66.19	15.00
9 LYS C	-45.20	-21.83	72 16	15 00
9 LYS O	-46.13 -	-21.78	72.97	15.00
TO DIS N	-44.10	-22.53	72.40	15.00
10 LYS CA	-43.92 -	-23.27	73.64	15.00
10 LYS CB	-43.47 -	-24.71	73.36	15.00
10 LYS CG	-43.75 -	-25.23	71.96	15.00

	10 LYS CD	-45.22	-25.49	71.73	15.00
	10 LYS CE	-45.52	-26.97	71.83	
	10 LYS NZ	-45.21	-27.50		
	10 LYS C		-22.63	74.54	
	10 LYS O		-23.06		
# :3 Ji	11 GLY N	-42.16	-21.63	74.03	15.00
	11 GLY CA		-20.98		15.00
<u> </u>	11 GLY C	37. 37.	×-21.63		15.00
	11 GLY O		-21.42	75.50	15.00
	12 TYR N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-22.38		15.00
ay V	12 TYR CA		-23.07		15.00
	12 TYR CB	-38.56	1,177		15.00
79.0	12 TYR CG	-39.12	-25.53		15.00
	12 TYR CD1	-40.27	-25.37	74.19	15.00
	12 TYR CE1		-26.43		15.00
	12 TYR CD2	-38.53	-26.79		
	12 TYR CE2	-39.08			15.00
	12 TYR CZ	-40.23		74.84	15.00
	12 TYR OH		-28.71		15.00
	12 TYR C	-37.31		72.60	15.00
	12 TYR O		-22.61	72.57	15.00
	13 VAL N	-37.70		71.93	
: .	13 VAL CA	-36.72			15.00
	13 VAL CB	-36.97		69.67	15.00
	13 VAL CG1	-37.21		69.23	15.00
	- 13 VAL CG2	-38.14		69.30	15.00
Maria.	13 VAL C		-18.98	71.64	
	13 VAL O	-37.62	14 M - 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72.02	
	14 THR N	-35.41			15.00
	14 THR CA	-35.16	-17.08	72:07	15.00
,	14 THR CB	-33.75		72.66	
	14 THR OG1	しょうきょう かいしゅうり きょう	-17.40	71.71	
	14 THR CG2	-33.63	-17.80		15.00
	14 THR C		-16.08	70.91	15.00
	14 THR O	-35.57		69.77	15.00
	15 PRO N	$t = 0.000  \text{kg/s}^{-1}  \text{kg/s}$	-14.77	A CONTRACTOR OF THE SECOND	15.00
: .	15 PRO CD	and the second second	-14.14		15.00
	15 PRO CA	-35.37			15.00
· ;. ·	15 PRO CB	-35.25	-12.44	70.93	15.00
· .	15 PRO CG	-35.83		72.26	15.00
	15 PRO C	-34.26		69.11	15.00
	15 PRO 0	-33.13			15.00
	16 VAL N			67.85	15.00
				,	

	16 VAL CA		-13.61	66.75	15.00
	16 VAL CB	-34.33	-13.31	14 (40°) 14 (40°) 15 (40°)	15.00
	16 VAL CG1	-33.34	-13.41	64.25	
	16 VAL CG2	-35.47	-14.26	65.19	15.00
	16 VAL C	-32.48	-12.65	66.96	
	16 VAL O	-32.69		1 (1.70 to 11.00 to 12.70 to 12.00 to 1	15.00
	17 LYS N	-31.28	-13.13		
	17 LYS CA	-30.07	-12.35		
	17 LYS CB	-29.12	-13.04	67.84	15 00
	17 LYS CG	-29.68	-13.07	69.24	15.00
	17 LYS CD	-28.91	-14.03	70.13	15.00
	17 LYS CE	-29.54	-14.07	71.53	
	17 LYS NZ		-14.22	71.43	15.00
	17 LYS C	-29.39	-12.14	65.52	15.00
	17 LYS O	-29.72	-12.79	64.54	15.00
	18 ASN N	-28.42	-11.23	65.50	15.00
	18 ASN CA	-27.68	-10.87	64.29	15.00
	18 ASN CB	-27.77	-9.36	64.10	15.00
	18 ASN CG	-27.26	-8.90	62.75	15.00
	18 ASN OD1	-26.16	-9.25	62.32	15.00
	18 ASN ND2	-28.07	-8.10	62.08	15.00
	18 ASN C	-26.23	-11.28	64.45	15.00
	18 ASN 0	-25.55			15.00
	19 GLN N	-25.72	-12.16	63.60	
	19 GLN CA	-24.33	-12.56	63.73	
	19 GLN CB		-13.81		
	19 GLN CG	-24.44	-13.80	61.45	
	19 GLN CD	-24.06	-15.09	60.72	
	19 GLN OE1	-24.91	-15.79	60.16	
	19 GLN NE2	-22.77	-15.41	1.5 1.0 5 1.	15.00
	19 GLN C	-23.40	-11.40	63.39	15.00
i Alba	19 GLN O	-22.27	-11.33	63.88	15.00
0	20 GLY N	-23.91	-10.46	62.60	15.00
	20 GLY CA	-23.14	-9.30	62.21	15.00
	20 GLY C	-22.11	-9.67	61.16	15.00
	20 GLY O	-22.39	-10.50	60.28	15.00
	21 GLN N	-20.93	-9.08	61.26	15.00
10000	21 GLN CA	-19.85	-9.33	60.32	15.00
	21 GLN CB	-19.08	-8.03		15.00
1.3	21 GLN CG	-19.94	-6.78	59.84	
	21 GLN CD	-20.87		58.64	
		-20.43		57.49	
	21 GLN NE2	-22.17	-6.95	58.90	

				1.0
	-18.91	-10.35	60.98	15.00
21 GLN O	-17.86	-10.01	61.52	
22 CYS N	-19.31	-11.61	60.97	15.00
22 CYS CA	-18.53	-12.68		15.00
22 CYS C	-19.27	-13.95	61.19	15.00
22 CYS O	-20.48	-14.03	61.36	15.00
22 CYS CB	-18.50	-12.50	63.11	and the second second
22 CYS SG	-17.85	-13.86	64.14	15.00
23 GLY N	-18.56	-14.88	60.56	
23 GLY CA	-19.19	-16.12	60.13	15.00
23 GLY C	-19.43		61.30	15.00
	-18.94	-18.17	61.31	15.00
	-20.24	-16.60	62.25	15.00
24 SER CA	-20.56		63.44	15.00
24 SER CB	-20.46	-16.45	64.66	15.00
24 SER OG	-21.23	-15.30	64.42	15.00
	-21.95	-17.97	63.37	15.00
24 SER O	-22.54	-18.31	64.40	
25 CYS N		-18.14	62.17	15.00
25 CYS CA	-23.81	-18.74	62.02	15.00
25 CYS CB	-24.21	-18.82	60.54	15.00
25 CYS SG	-23.17		59.47	15.00
25 CYS C	-23.88	-20.12	62.68	15.00
25 CYS O	-24.96	-20.59	63.04	15.00
25 INH C1	-26.94		58.69	15.00
25 INH C2	-26.28		59.65	15.00
25 INH C3	-25.12	-11.19	59.30	15.00
25 INH C4	-24.61		58.00	15.00
25 INH C5		-10.33	57.05	15.00
25 INH C6	-26.44	-9.62	57.39 .	15.00
25 INH C7	-23.37	-11.90	57.62	15.00
25 INH 08 25 INH C9	-23.43	-13.32	57.82	15.00
25 INH C9	-22.85	-14.36	57.02	15.00
2 TMU OTO	-21.63	-14.58	56.99	15.00
25 INH C11	-23.27	-16.14	55.41	15.00
5 INH C12	-22.06	-15.67	54.58	15.00
25 INH C13	-22.16	-15.18	53.14	15.00
25 INH C14	-20.77	-15.22	52.56	15.00
5 INH C15	-23.13	-16.04	52.32	15.00
5 INH C16	-22.95	-17.51	56.01	15.00
5 INH 017	-23.60	-18.50	55.66	15.00
5 INH N18	-21.92	-17.60	56.86	15.00
5 INH C19	-21.48	-18.89	57.42	15.00

			S. 3 (4) (4) (4)	
25 INH C20		-19.11		15.00
25 INH C21		-19.34	55.56	15.00
25 INH C22		-20.84	55.30	15.00
25 INH C23		-18.64	55.30	15.00
25 INH N24	-23.71	-15.07	56.30	15.00
25 INH C25	-21.62	-19.06	58.94	
25 INH 026	-21.55	-17.95	59.50	
25 INH C27		-20.00	59.45	
25 INH 028	the state of the s	-21.26	58.72	15.00
25 INH C29	-19.70	-22.40	59.29	
25 INH C30	-19.53	-23.60	58.35	15.00
25 INH C31	-20.80	-24.42		T 4 . 5 T . 7 . 7
26 TRP N	-22.73	-20.75		15.00
26 TRP CA	-22.65	-22.06	A CONTRACTOR OF THE CONTRACTOR	
26 TRP CB	-21.30	-22.75		
26 TRP CG	-20.09	-22.04	63.79	15.00
26 TRP CD2	-19.48	-22.23	65.08	
26 TRP CE2	-18.36	-21.38	65.14	
26 TRP CE3	-19.77	-23.04	66.19	15.00
26 TRP CD1	-19.33	-21.11	63.15	15.00
26 TRP NE1	-18.29	-20.70	63.95	
26 TRP CZ2	-17.53	-21.31	66.27	15.00
26 TRP CZ3	-18.94	-22.97	67.31	
26 TRP CH2	-17.83	-22.11	67.33	15.00
26 TRP C	-22.89	-22.02	65.06	15.00
26 TRP 0	-23.59	-22.87	65.61	15.00
27 ALA N	-22.34	-21.01	65.75	15.00
27 ALA CA	-22.49	-20.86	67.19	15.00
27 ALA CB	-21.58	-19.78	67.71	15.00
27 ALA C	-23.93	-20.53	67.54	15.00
27 ALA 0	-24.46		68.55	
28 PHE N	-24.55	-19.71	66.70	15.00
28 PHE CA	-25.93	-19.33	66.91	15.00
28 PHE CB	-26.33	-18.21	65.94	15.00
28 PHE CG	-25.73	-16.88	66.28	15.00
28 PHE CD1	-24.51	-16.49	65.73	15 00
28 PHE CD2	-26.34	-16.04	67.19	15.00
28 PHE CE1	-23.92	-15.30	66.11	15 00
28 PHE CE2	-25.75	-14.85	67.57	15.00
28 PHE CZ	-24.54	-14.48	67.02	15.00
28 PHE C	-26.82	-20.55	66.75	15.00
28 PHE O	-27.75	-20.75	67.51	15.00
29 SER N	-26.49			15.00
A AND A	The second secon			

	and the second second			
29 SER CA	-27.25	-22.61	65.53	15.00
29 SER CB	-26.69	-23.33	64.31	and the second second
29 SER OG	-27.48	-24.45	63.98	
29 SER C	-27.16	-23.52	66.74	15.00
29 SER 0	-28.17	-23.93	67.30	15.00
30 SER N	-25.92	-23.82	67.14	15.00
30 SER CA	-25.63	-24.69	68.27	15.00
30 SER CB	-24.13	-24.77	68.46	15.00
30 SER OG	-23.51	-24.96	67.22	15.00
30 SER C		-24.16	69.55	15.00
30 SER O	4.	-24.92	70.35	15.00
31 VAL N	-26.17		69.75	15.00
31 VAL CA	-26.75		70.93	15.00
31 VAL CB	-26.25	-20.78	71.09	15.00
31 VAL CG1	-27.32	700	71.63	15.00
31 VAL CG2	-25.06	-20.75	72.01	15.00
31 VAL C	-28.27	-22.35	70.84	15.00
31 VAL O	-28.94	-22.62	71.82	15.00
32 GLY N		-22.28	69.63	15.00
32 GLY CA	-30.23	-22.39	69.44	15.00
32 GLY C	-30.80		69.86	15.00
32 GLY O	-31.91	-23.80	70.38	15.00
33 ALA N	-30.05	-24.80	69.59	15.00
33 ALA CA		-26.15	69.95	15.00
33 ALA CB	-29.65	-27.18	69.17	15.00
33 ALA C	-30.28		71.44	15.00
33 ALA 0		-26.89	72.11	15.00
34 LEU N	-29.14	-25.91	71.97	15.00
34 LEU CA	-28.87	-26.01	73.40	15.00
34 LEU CB	-27.54		73.74	15.00
34 LEU CG		-26.09	73.37	15.00
34 LEU CD1	-25.09	-25.16	73.59	15.00
34 LEU CD2	-26.10	-27.34	74.21	15.00
34 LEU C	-29.98	-25.32	74.18	15.00
35 GLU N	-30.45	-25.85	75.18	15.00
	-30.43	-24.16		
5 GLU CA	-31.51	-23.39	74.33	15.00
	-31.65	-22.03	73.66	15.00
	-30.44	-21.12	73.81	15.00
5 GLU CD	-30.54	-19.82	73.03	15.00
5 GLU OE1	-31.35	-19.71	72:09	15.00
5 GLU OE2	-29.77	-18.91	73.35	15.00
5 GLU C	-32.84	-24.12	74.28	15.00

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35 GLU 0	-33.67	-24.00	75.19	15.00
36 GLY N	-33.09	-24.86	73.21	
36 GLY CA	-34.33	-25.59	73.09	15.00
36 GLY C	-34.37	-26.71	74.11	
36 GLY O	-35.37	-26.91	74.80	4 25 45
37 GLN N	-33.26	-27.43	74.25	
37 GLN CA		-28.52	75.20	
37 GLN CB	-31.92	-29.34	74.98	15.00
37 GLN CG	-31.94	-30.12	73.69	
37 GLN CD	-33.17	-31.00	73.57	
37 GLN OE1	-33.42		74.43	
37 GLN NE2	-33.95	-30.79	72.53	15.00
37 GLN C			76.63	Charles and the second
37 GLN O	-33.97	-28.56	77.47	15.00
38 LEU N	-32.52		76.89	15.00
38 LEU CA	-32.51	-26.31	78.21	15.00
38 LEU CB	-31.79	-24.96	78.17	15.00
38 LEU CG	-31.83		79.46	15.00
38 LEU CD1	-31.00		80.53	15.00
38 LEU CD2	-31.30			15.00
38 LEU C		-3-	78.69	
38 LEU O	-34.30		79.79	15.00
39 LYS N	-34.77		77.85	15.00
39 LYS CA	-36.16		78.20	15.00
39 LYS CB	-36.85	the second second	77.11	15.00
39 LYS CG	-38.06		77.59	201
39 LYS CD	-39.32		77.65	15.00
9 LYS CE	-40.53		78.07	15.00
9 LYS NZ	-40.50	14.		15.00
9 LYS C		-26.59		15.00
9 LYS O	-37.71	1.0	79.25	15.00
0 LYS N	-36.57		77.53	15.00
	-37.25	-28.86	77 63	15.00
0 LYS CB	-36.85	-29.79	76 48	15 00
0 LYS CG	-37.77	-31.00		15.00
0 LYS CD	-37.48	-31.90	The second second	15.00
0 LYS CE	-38.53	-32.99	75 17	15.00
0 LYS NZ	-38.45	-33.78	73 92	15.00
0 LYS C	-36.98	-29.55		15.00
0 LYS O	-37.90	-30:11	79.56	15.00
	-35.74	-29.45		15.00
1 LYS CA	-35.35	-30.09	80 66	15.00
1 LYS CB	-33.87		80.61	15.00
			JU. UL	100

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41 LYS CG	-33.50	-31.39	79.43	15.00
41 LYS CD	-34.48	-32.55	79.32	15.00
41 LYS CE		-33.33		
41 LYS NZ		-34.07		
41 LYS C	-35.67	-29.31	81.94	
41 LYS O	-36.36	-29.82	82.81	
42 THR N	-35.20	-28.08		
42 THR CA	-35.45			15.00
42 THR CB	-34.31	-26.34	83.57	
42 THR OG1		-25.23		15.00
42 THR CG2	-32.98		83.36	and the contract of the contra
42 THR C	-36.77		83.35	
42 THR O	-37.19			7
43 GLY N	-37.42	-26.34		15.00
43 GLY CA	-38.67	-25.60	82.16	15.00
43 GLY C		-24.09	82.05	
43 GLY O	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-23.33		15.00
44 LYS N		-23.62	82.11	A 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
44 LYS CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-22.20	82.03	15.00
44 LYS CB		-21.70	83.37	15.00
44 LYS CG	-37.07		84.57	15.00
44 LYS CD	-36.69		85.90	15.00
44 LYS CE	-35.51		86.59	15.00
44 LYS NZ	-35.95	-23.54	87.52	15.00
44 LYS C	the second second	-21.94	80.92	15.00
44 LYS O	-34.92			15.00
45 LEU N	-36.32	and the second second second	80.04	15.00
45 LEU CA	-35.47	-20.64	78.90	15.00
15 LEU CB	-36.33	-20.13	77.75	15.00
15 LEU CG	-35.67	-19.77		15.00
15 LEU CD1	-35.27		75.66	15.00
15 LEU CD2	26 67			
15 LEU C	-34.47	-19.58	79 29	15 00
5 LEU O	-34.68	-18.81	80.22	15.00
6 LEU N	-33.38	-19.50	78.54	15.00
6 LEU CA	-32.33	-18.54	78.81	15.00
6 LEU CB	-31.43	-19.09	79.91	15.00
6 LEU CG	-30.45	-18.17	80.63	15.00
6 LEU CD1	-31.17	-16.89	81.03	15.00
6 LEU CD2	-29.91	-18.88	81.84	15.00
O TEO C	-31.55	-18.33	77.51	15.00
6 LEU O	-31.62	-19.14	76.60	15.00
7 ASN N	-30.84		77.39	15.00
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47 ASN CA	-30.04	-16.97	76.20	15.00
47 ASN CB	-30.04	-15.48	75.85	
47 ASN CG		-15.02	75.33	15.00
47 ASN OD1	-32.19	-14.49	76.08	15.00
47 ASN ND2	-31.59	-15.20	74.05	15.00
47 ASN C	-28.62	-17.42		15.00
47 ASN O	-27.96	-16.92	77.37	15.00
48 LEU N	-28.15	-18.40	75.69	15.00
48 LEU CA	-26.80	-18.91		15.00
48 LEU CB	-26.74	-20.39	75.53	15.00
48 LEU CG	-27.64	-21.29	76.40	15.00
48 LEU CD1	-27.37	-22.73	76.07	15.00
48 LEU CD2	-27.39	-21.05	77.86	15.00
48 LEU C	-25.79	-18.10	$\phi_{2} = 1.000017000.19 + 0.0000$	15.00
48 LEU 0	-26.16	-17.33	74.17	15.00
49 SER N		-18.27	75.36	15.00
49 SER CA	-23.45	-17.50	74.71	15.00
49 SER CB		-17.20	75.73	15.00
49 SER OG	-21.21	-16.57	75.14	15.00
49 SER C	-22.81	-18.05	73.44	15.00
49 SER 0		-18.98	73.49	15.00
50 PRO N	-23.17	-17.49	72.28	15.00
50 PRO CD	-24.25	-16.53	71.99	15.00
50 PRO CA	-22.56	-17.98	71.04	15.00
50 PRO CB	-23.40	-17.29	69.95	15.00
50 PRO CG	-23.89		70.62	15.00
50 PRO C	-21.10	100	71.00	15.00
50 PRO O	-20.25		70.41	15.00
51 GLN N	-20.79		71.69	15.00
51 GLN CA	-19.43	-15.93	71.75	15.00
51 GLN CB	-19.40		72.52	15.00
51 GLN CG	-18.07	-13.86	72.44	15 00
51 GLN CD	-17.86	-13.13	71.13	15.00
51 GLN OE1	-18.70	-12.34	70.70	15.00
51 GLN NE2	-16.72	-13.37	70.49	15.00
51 GLN C	-18.52	-16.94	72.44	15.00
OT GTM O	-1/.45	-1/.24 ·	71.95	15 00
52 ASN N	-18.97	-17.50	73.56	15.00
52 ASN CA	-18.21	-18.49	74.31	15.00
52 ASN CB	-19.13	-19.10	75.38	15.00
52 ASN CG	-18.41	-20.00	76.37	15.00
52 ASN OD1	-18.80	-20.05	77.53	15.00
52 ASN ND2	-17.40	-20.73	75.93	15.00

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52 ASN C	-17.77	-19.57	73.34	15.00
52 ASN 0	-16.66	-20.11	73 43	15.00
53 LEU N	-18.65	-19.89	72.39	1.72 / 31.1. YMM / 1
53 LEU CA	-18.37	-20.90	71.39	15.00
53 LEU CB	The second of th	-21.37	70.73	15.00
53 LEU CG	-20.66	-22.13		24324 ASS 273 ASS
53 LEU CD1	1.00 A	-22.54	70.82	
53 LEU CD2		-23.35		
53 LEU C		-20.39		15.00
53 LEU 0	-16.45	-21.09	69.98	15.00
54 VAL N	-17.59	-19.15	5 W 17 W 18 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
54 VAL CA	-16.73			
54 VAL CB		-17.11	68.51	15.00
54 VAL CG1			67.49	15.00
54 VAL CG2	-18.63	-17.19	67.92	15.00
54 VAL C			69.36	15.00
54 VAL 0	-14.36		68.64	15.00
55 ASP N		-17.98		15.00
55 ASP CA	-13.73		71.15	15.00
55 ASP CB		-16.81		
55 ASP CG		-15.46	71.87	15.00
55 ASP OD1	**************************************	-15.10		15.00
55 ASP OD2 55 ASP C			72.75	15.00
55 ASP O	-13.05		71.70	15.00
56 CYS N		-19.13	71.78	15.00
56 CYS CA	-13.81		72.07	15.00
56 CYS C		-21.32	72.67	1 - 1947 - 1961 1 1
56 CYS O	-13.29		71.91	15.00
56 CYS CB	12.56	-23.59	72.23	15.00
56 CYS SG	-13.63 -14.61	-21.53	74.05	15.00
57 VAL N	-14.01	-20.02	75.04	15.00
57 VAL CA	-14.19 -14.26	-22.77	70.96	15.00
	-14.26 -15.60	-24.U2	70.22	15.00
	-15.60 -15.62	-24.10 -25.44	69.48	15.00
57 VAL CG1 57 VAL CG2	-16 73	-23.44 -34 1E	58.57	15.00
	-16.73 -13.00	-24.15	70.48	15.00
57 VAL 0	-13.09 -13.23	-24.U0	60.00	15.00
58 SER N	-13.23 -11.91	-23.00	60.77	15.00
58 SER CA	-11.91 -10.67	-24.40	60.00	15.00
58 SER CB	-9.53	-24 RZ	60 02	15.00
58 SER OG	-10.02	-25 66	70 00	15.00
58 SER C	-10.66	-25 38	67 70	15 00
			U. 1. 1. 7	10 . UU .

58 SER 0	-9.70	-25.38	67.02	15.00
59 GLU N	-11.70	-26.18		
59 GLU CA	-11.82	-27.10	66.50	
59 GLU CB		-28.31	66.86	15.00
59 GLU CG	· ·	-29.19	67.99	
59 GLU CD	-12.31	-28.56	69.36	
59 GLU OE1	-13.46	A 22.7	69.83	15.00
59 GLU OE2		-28.23	69.97	15.00
59 GLU C	化二甲二甲基甲甲二甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	-26.34	65.33	15.00
59 GLU 0	-12.44	-26.81	64.19	15.00
60 ASN N	-13.03	-25.19	65.61	15.00
60 ASN CA	-13.64		64.58	15.00
60 ASN CB	-15.08	-23.98	64.97	15.00
60 ASN CG	-16.03		64.95	15.00
60 ASN OD1		-25.12	65.58	15.00
60 ASN ND2		-26.20	64.22	15.00
60 ASN C	-12.79	-23.12	64.31	15.00
60 ASN O	-11.88		65.06	15.00
61 ASP N	(2) A. M. Mark, Phys. Rev. B 4 88.	-22.40	63.25	15.00
61 ASP CA		-21.21	62.87	15.00
61 ASP CB		-21.14	61.34	15.00
61 ASP CG		-20.64	60.84	15.00
61 ASP OD1	Programme and the second	-20.40	61.65	15.00
61 ASP OD2		-20.50	59.60	15.00
61 ASP C		-19.91	63.44	15.00
61 ASP 0	-12.70	Market Cold Warred Telephone	62.93	15.00
62 GLY N	-13.78	化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	64.49	15.00
62 GLY CA	-14.37	-18.79	65.05	15.00
62 GLY C	-15.25	-18.07	64.05	15.00
62 GLY 0	-16.26	-18.59	63.58	15.00
63 CYS N	-14.89	-16.85	63.70	15.00
63 CYS CA	-15.67	-16.11	62.72	15.00
63 CYS C	-15.48	-16.70	61.33	15.00
63 CYS O	-16.15	-16.28	60.39	15.00
63 CYS CB	-15.30	-14.62	62.69	15.00
63 CYS SG	-15.85	-13.63	64.12	15.00
64 GLY N	-14.54	-17.62	61.19	
64 GLY CA	-14.29	-18.25	and the second second	15.00
	-15.24			15.00
64 GLY O	-15.32	-19.97	58.57	15.00
65 GLY N	-15.97	-19.80	60.70	15.00
65 GLY CA 65 GLY C	-16.91			
OD GDI. C	-16.55	-22.16	61.33	15.00

			A Brand's Str	Service and the service of the servi
65 GLY O	-15.46	-22.30	61.90	15.00
66 GLY N	-17.47	-23.10		1 No. 10
66 GLY CA	-17.25	-24.34	62.07	
66 GLY C	-18.51	-25.15	61.93	15.00
66 GLY O	-19.46	-24.72	61.29	15.00
67 TYR N	-18.50	-26.35	62.49	15.00
67 TYR CA	-19.66	-27.22		15.00
67 TYR CB	-19.25	-28.66		15.00
67 TYR CG	-18.41	-28.83	60.89	15.00
67 TYR CD1	-19.00	-29.00	59.64	15.00
67 TYR CE1	-18.22	-29.18		15.00
67 TYR CD2	-17.03	-28.83		15.00
67 TYR CE2	-16.25	-29.01	59.86	
67 TYR CZ	-16.84	-29.18	58.63	15.00
67 TYR OH	-16.03	-29.34		15.00
67 TYR C	-20.27	-27.16	63.83	15.00
67 TYR O	-19.59	-26.85	64.80	15.00
68 MET N	-21.55	-27.48		15.00
68 MET CA	-22.24	-27.45		15.00
68 MET CB	-23.75	-27.51		15.00
68 MET CG	-24.34	-26.31	64.22	15.00
68 MET SD	-23.95	-26.25	62.46	15.00
68 MET CE	-25.40	-26.96	61.77	15.00
68 MET C	-21.76	-28.58	66.11	15.00
68 MET O	-21.49	-28.37	67.29	15.00
69 THR N	-21.57	-29.78	65.56	15.00
69 THR CA	-21.13	-30.94	66.33	15.00
69 THR CB	-20.92	-32.18	65.44	15.00
69 THR OG1	-20.10	-31.83	64.31	15.00
69 THR CG2	-22.26	-32.69	64.93	15.00
69 THR C		-30.65	67.12	15.00
69 THR O	-19.69	-31.11	68.26	15.00
70 ASN N	-18.95	-29.84	66.55	15.00
/U ASN CA	-17.71	-29.46	67.22	15.00
70 ASN CB	-16.73	-28.81	66.24	15.00
70 ASN CG	-15.97	-29.81	65.39	15.00
/U ASN OD1	-15.41	-29.45	64.37	15.00
/U ASN ND2	-15.92	-31.06	65.83	15.00
70 ASN C	-17.96	-28.52	68.39	15.00
/U ASN O	-17.14	-28.42	69.30	15.00
71 ALA N	-19.06	-27.78	68.35	15.00
71 ALA CA	-19.42	-26.86	69.44	15.00
71 ALA CB	-20.32	-25.76	68.92	15.00

## TABLETI

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71 ALA C				15.00
71 ALA O				15.00
72 PHE N		-28.60		15.00
72 PHE CA		-29.44		15.00
72 PHE CB		-30.44	70.34	15.00
72 PHE CG	-23.74			
72 PHE CD1			70.11	15.00
72 PHE CD2	- 25 T T T T T T T T T T T T T T T T T T		68.50	15.00
72 PHE CE1	-25.45	· /	69.48	15.00
72 PHE CE2		-29.90		15.00
72 PHE CZ	-25.98	-28.74	68.35	15.00
72 PHE C	-20.60	-30.19	71.89	
72 PHE O	-20.60	-30.15	73.12	
73 GLN N	-19.64	-30.81	71.21	
73 GLN CA	-18.58	-31.56	71.87	15.00
73 GLN CB	-17.64	-32.18		
73 GLN CG	-16.55	-33.13	71.36	
73 GLN CD	-17.07	-34.54	71.69	15.00
73 GLN 0E1	-17.16	-34.93	72.87	15.00
73 GLN NE2	-17.37	-35.32	70.65	
73 GLN C	-17.81	-30.69	72.87	
73 GLN 0	-17.46	-31.13	73.96	15.00
74 TYR N	-17.55	-29.43		15.00
74 TYR CA	-16.82	-28.56	73.44	15.00
74 TYR CB	-16.43	-27.25	72.75	15.00
74 TYR CG	-16.11	-26.12	73.70	15.00
74 TYR CD1	-14.83	-25.93	74.20	15.00
74 TYR CE1	-14.54	-24.93	75.11	
74 TYR CD2	-17.11	-25.25		15.00
74 TYR CE2	-16.84	-24.23	75.06	15.00
74 TYR CZ	-15.55	-24.08		15.00
74 TYR OH	-15.28	-23.08	76.45	
74 TYR C	-17.62		74.70	
74 TYR O	-17.05	-28.00	75.76	
75 VAL N	-18.94	-28.18	74.59	15.00
75 VAL CA	-19.77	-27.89	75.75	15.00
75 VAL CB	-21.21	-27.54		15.00
75 VAL CG1	-22.04	-27.14		15.00
75 VAL CG2	-21.20		74.33	15.00
75 VAL C		-29.11	76.68	
75 VAL 0		-28.99		15.00
76 GLN N	-19.50		76.09	15.00
76 GLN CA	-19.43		76.84	15.00

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76 GLN CB	-19.51	-32.72	75.88	15.00
76 GLN CG	-19.44			
76 GLN CD	-19.41	-35.21	75.50	
76 GLN OE1	-20.45	-35.67	75.05	
76 GLN NE2	-18.23	-35.64		
76 GLN C	-18.15	-31.64	77.66	
76 GLN O	-18.20	-31.71		15.00
77 LYS N	-17.00	-31.64	77.00	15.00
77 LYS CA	-15.72	-31.75	77.70	15.00
77 LYS CB	-14.60	-32.13	76.73	15.00
77 LYS CG	-14.72	-31.53		15.00
77 LYS CD	-13.52	-31.92		
77 LYS CE	-13.77	-31.61	73.03	
77 LYS NZ	-14.25		72.83	15.00
77 LYS C	-15.29	-30.55	78.56	15.00
77 LYS 0	-14.36	-30.63	79.36	15.00
78 ASN N	-15.94	-29.41	78.38	
78 ASN CA	-15.62	-28.22	79.15	15.00
78 ASN CB	-15.75	-26.98	78.27	15.00
78 ASN CG	-15.54		79.03	15.00
78 ASN OD1	-14.43	-25.40	79.46	15.00
78 ASN ND2	-16.60	-24.91	79.16	15.00
78 ASN C	-16.60	-28.14	80.32	15.00
78 ASN O	-16.47	-27.32	81.22	15.00
79 ARG N	-17.60	-29.01	80.27	15.00
79 ARG CA	-18.63	-29.08	81.29	15.00
79 ARG CB	-18.06	-29.64	82.60	15.00
79 ARG CG	-17.45	-31.04	82.42	15.00
79 ARG CD	-17.13	-31.71	83.75	15.00
79 ARG NE	-18.34	the second of the second of	84.40	15.00
79 ARG CZ	-18.91	-33.37	84 15	15 00
79 ARG NH1	-18.36	-34.20	83.26	15.00
/9 ARG NH2	-20.05	-33.70	84.75	15.00
79 ARG C	-19.36	-27.77	81.50	15.00
79 ARG O	-19.57	-27.33	82.64	15.00
80 GLY N	-19.75	-27.14	80.39	15.00
80 GLY CY	-20.48	-25.89	80.49	15.00
80 GLY C	-20.34	-24.84		15.00
80 GTA O	-19.34	-24.78	78.67	15.00
81 ILE N	-21.39	-24.02	79.30	15.00
81 ILE CA	-21.46	-22.91	78.36	15.00
81 ILE CB	-22.22			15.00
81 ILE CG2	-23.65			15.00
		-		

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	· .			1 - A A A 186
81 ILE CG1	-22.16	-22.09	76.08	15.00
81 ILE CD1	-22.80	-22.35	74.75	<ul> <li>4 (2.1) MANAGES (2008)</li> </ul>
81 ILE C	-22.15	-21.75	79.07	<ul> <li>*** *********************************</li></ul>
81 ILE O	-23.20			
82 ASP N	-21.51	-20.59	79.03	15.00
82 ASP CA	-22.01	-19.37	79.65	15.00
82 ASP CB	-20.99		79.46	15.00
82 ASP CG	-19.78		80.35	15.00
82 ASP OD1	-18.71	-17.88	79.95	15.00
82 ASP OD2				15.00
82 ASP C	-23.36		79.13	15.00
82 ASP O	-23.86		78.09	
83 SER N		-17.90		15.00
83 SER CA		-17.25	79.50	15.00
83 SER CB	-25.99	-16.98	80.76	
83 SER OG	-25.21		81.78	15.00
83 SER C	-24.75	-15.93	78.85	15.00
83 SER O	-23.63	-15.45		15.00
84 GLU N		-15.33	78.07	15.00
84 GLU CA		-14.09		15.00
84 GLU CB		-13.65	76.52	15.00
84 GLU CG		-12.52	75.57	15.00
84 GLU CD	-25.34	-12.95	74.38	15.00
84 GLU OE1		-14.10	74.35	15.00
84 GLU OE2	-25.19	-12.13	73.45	15.00
84 GLU C	-24.88	-12.96	78.31	15.00
84 GLU O	-24.03	-12.14	77.94	15.00
85 ASP N	-25.44	-12.87	79.52	15.00
85 ASP CA	-25.03	-11.81	80.45	15.00
85 ASP CB		-11.77	81.71	15.00
85 ASP CG	-25.48	-10.69	82.73	
	-24.60		82.41	15.00
85 ASP OD2				
85 ASP C	-23.59	-12.02	80.86	15.00
85 ASP O	-22.83	-11.07	81.00	15.00
86 ALA N	-23.18	-13.27	81.05	15.00
86 ALA CA	-21.82	-13.56	81.47	15.00
86 ALA CB	-21.76	-14.91	82.14	15.00
86 ALA C	-20.78	-13.48	80.36	15.00
86 ALA O	-19.62	-13.15	80.59	15.00
87 TYR N	-21.18	-13.74	79.12	15.00
87 TYR CA	-20.23	-13.71	78.02	15.00
87 TYR CB	-19.79	-15.15	77.74	15.00

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				<ul> <li>10 2 2 3</li> </ul>
87 TYR CG	-18.44	-15.33	77.08	15.00
87 TYR CD1	-17.91	-14.37	76.21	
87 TYR CE1	-16.69	-14.59	75.57	15.00
87 TYR CD2	-17.72	-16.51	77.28	15.00
87 TYR CE2	-16.50	-16.73	76.64	15.00
87 TYR CZ	-16.00	-15.77	75.79	15.00
87 TYR OH	-14.79	-16.02	75.16	15.00
87 TYR C	-20.92	97.11	76.79	15.00
87 TYR O		-13.88	75.86	15.00
88 PRO N		-11.80	76.79	15.00
88 PRO CD		-10.93	77.96	15.00
88 PRO CA		-11.07	75.70	15.00
88 PRO CB	-21.91	-9.64	76.23	15.00
88 PRO CG	-22.06	-9.86	77.72	15.00
88 PRO C	-21.13	-11.13	- 1 T-1 T-1	15.00
88 PRO 0	-19.90		Stranger of the state of	15.00
89 TYR N	-21.93	-11.18	73.31	15.00
89 TYR CA	-21.47	-11.28	71.92	15.00
89 TYR CB	-22.64	-11.80	71.09	15.00
89 TYR CG	-22.28		69.68	15.00
89 TYR CD1	-21.43		69.39	15.00
89 TYR CE1	-21.07	-13.48	68.09	
89 TYR CD2	-22.75	-11.36	68.63	15.00
89 TYR CE2 89 TYR CZ	-22.39	-11.63	67.32	15.00
89 TYR OH	-21.55 -21.15	-12.69	67.06	15.00
89 TYR C		-12.93	65.77	15.00
89 TYR O	-21.71	-9.96 -9.04	71.34	15.00
90 VAL N	-19.64	-9.86	71.08 71.12	15.00
90 VAL CA	-19.06	-8.63	70.58	15.00
90 VAL CB	-17.75	-8.27	70.38	15.00 15.00
90 VAL CG1				
90 VAL CG2	-16 69	-9 32	70.00	15.00
90 VAL C	-18.87	-8 65	69 07	15.00
90 VAL O	-18.28	-7.74	68 50	15.00
91 GLY N	-19.30	-9 73	68 44	15.00
91 GLY CA	-19.20	-9.84	67 00	15.00
91 GLY C	-17.86	-10.11	66.36	15.00
91 GLY O	-17.67	-9.84	65.18	15.00
92 GLN N	-16.91	-10.66	67.11	15.00
92 GLN CA	-15.59	-10.97	66.57	15.00
92 GLN CB	-14.80	-9.69	66.32	15.00
92 GLN CG	-14.73		67.51	15.00
		-		

92 GLN CD	and the state of t	-7.50	67.19	15.00
92 GLN OE1				
92 GLN NE2	and the state of t	to the fact of the same	67.02	15.00
92 GLN C		-11.87	<b>67.5</b> 3	15.00
92 GLN O	-15.17	-11.94	68.71	
93 GLU N	-13.80	-12.53	67.04	
93 GLU CA	-13.02	-13.45	67.85	
93 GLU CB	-12.36	-14.52	66.98	15.00
93 GLU CG	-11.54	-13.97	65.80	15.00
93 GLU CD	-11.57	-14.90	64.59	
93 GLU OE1		-15.16		
93 GLU OE2	-12.67	-15.36	64.22	15.00
93 GLU C		-12.78		15.00
93 GLU O	-11.29	-11.86	68.33	15.00
94 GLU N	-11.89	-13.29		
94 GLU CA	-10.96	-12.78	70.96	
94 GLU CB	-11.65	-11.74	71.84	
94 GLU CG	-12.68	-12.34		
94 GLU CD	-13.96	-11.54		
94 GLU 0E1	-13.96	-10.36	72.44	15.00
94 GLU OE2	-14.97	-12.08	73.38	
94 GLU C	-10.54			15.00
94 GLU 0	-10.95	-15.10		
95 SER N	-9.72	-13.74		15.00
95 SER CA	-9.26	-14.80	73.73	15.00
95 SER CB	-8.26	-14.23	74.75	15.00
95 SER OG	-7.14	-13.65	74.09	
95 SER C	-10.41	-15.51	74.46	*** *
95 SER O	-11.34	-14.87	74.95	15.00
96 CYS N	-10.37	-16.84	74.53	15.00
96 CYS CA		-17.57	75.21	15.00
96 CYS C	-11.55		76.62	15.00
96 CYS O	-10.58	-17.04	77.37	15.00
96 CYS CB	-11.13	-19.06	75.26	15.00
96 CYS SG	-12.35		2. 14. 16.1	15.00
97 MET N	-12.72	-16.51	76 97	15 00
97 MET CA	-12.95	-15.95	78 31	15 00
97 MET CB	-13.50	-14.53	78.21	15.00
97 MET CG	-12.65	-13.51	77.52	15.00
97 MET SD	-13.49	-11.94	77.83	15.00
	-14.95	-12.05	76.75	15.00
9/MET C	-13.95	-16.74	79.15	15.00
97 MET 0	-14.60	-16.15	80.02	15.00

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98 TYR N		-18.05		15.00
98 TYR CA	W. A. C. WWW.WT. C. T. T.	-18.82	79.70	15.00
98 TYR CB	the grade of the ball of the probability in		79.47	15.00
98 TYR CG	-15.95	-21.14	80.19	15.00
98 TYR CD1	-17.30	-21.01	79.88	15.00
98 TYR CE1	-18.28	-21.71	80.58	
98 TYR CD2	10 0 10 100 0 1 1 1 1 TO	-22.00		7.7
98 TYR CE2	-16.58	-22.70	81.94	
98 TYR CZ	-17.91	-22.55	81.62	
98 TYR OH	-18.86	-23.22	82.33	15 00
98 TYR C	-14.99	-18.51	81.20	15.00
98 TYR 0	-13.92	-18.32	81.77	
99 ASN N	-16.16	-18.49		15.00
99 ASN CA	-16.30	-18.18	83.23	15.00
99 ASN CB	-16.73	-16.72		15.00
99 ASN CG	-17.06	-16.32	84.81	15.00
99 ASN OD1	-16.96	-17.13	85.74	
99 ASN ND2	-17.47		84.98	
99 ASN C	-17.34		83.86	
99 ASN O	-18.55	-18.87	83.72	15.00
100 PRO N	-16.89	-20.13	84.60	
100 PRO CD	-15.46	-20.39	84.86	15.00
100 PRO CA	-17.73	-21.12	85.29	15.00
100 PRO CB	-16.74	-21.80		15.00
100 PRO CG	-15.49			15.00
100 PRO C	-18.84	-20.46	86.07	
100 PRO 0	-19.93	-21.02	86.20	15.00
101 THR N	-18.58	-19.26	86.58	15.00
101 THR CA	-19.58		87.34	15.00
101 THR CB	-18.99	-17.20	87.84	15.00
101 THR OG1	-17.76	-17.48	88.53	
101 THR CG2	-19.95	-16.50	88.80	15 00
101 THR C	-20.78	-18.25	86 46	15 00
TOT THE O	-21.93	-18.29	86.93	15.00
TAT GDI 14	-20.52	-17.99	85.18	15.00
102 GLY CA	-21.57		84.23	15.00
TOZ GLY C	-22.29	-18.89	83.62	15.00
102 GD1 U	-23.36	-18.73	83.04	15.00
103 LYS N	-21.70	. 5 . 5 . 6 .	83.72	15.00
TO3 LAS CY	-22.30	-21.29	83.17	15.00
103 LYS CB	-21.60		83.76	15.00
103 TAR CC	-22.34	-23.84	83.55	15.00
103 LYS CD	-21.59 -	-24.99	84.23	
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103 LYS CE	-22.56	-26.02	84.79	15.00
103 LYS NZ	-23.48	-26.58	83.76	15.00
103 LYS C	-23.81	-21.37	83.41	15.00
103 LYS 0	-24.27	-21.24	84.54	15.00
104 ALA N	-24.58	-21.60	82.35	15.00
104 ALA CA	-26.04	-21.70	82.45	15.00
104 ALA CB	-26.69	-20.52	81.78	15.00
104 ALA C	-26.60	-22.99	81.88	15.00
104 ALA O	-27.76	-23.32	82.12	15.00
105 ALA N	-25.81	-23.71	81.09	15.00
105 ALA CA	-26.26	-24.97	80.50	15.00
105 ALA CB	-26.99	-24.72	79.19	
105 ALA C	-25.10	-25.92	80.28	15.00
105 ALA O	-23.93	-25.52	80.38	15.00
106 LYS N	-25.41	-27.18	79.98	15.00
106 LYS CA	-24.40	-28.19	79.72	15.00
106 LYS CB	-23.77	-28.66	81.03	15.00
106 LYS CG	-24.73	-29.25	82.04	15.00
106 LYS CD	-24.01	-29.56	83.33	15.00
106 LYS CE	-22.75	-30.37	83.07	15.00
106 LYS NZ	-23.05	-31.63	82.31	15.00
106 LYS C	-25.06	-29.34	78.99	15.00
106 LYS 0	-26.28	-29.39	78.94	15.00
107 CYS N	-24.27	-30.21	78.38	15.00
107 CYS CA	-24.83	-31.36		15.00
107 CYS CB	-25.14	-30.97	76.20	15.00
107 CYS SG	-23.71	-31.01	75.11	15.00
107 CYS C	-23.95	-32.61	77.67	15.00
107 CYS 0	-22.73	-32.53	77.81	15.00
108 ARG N	-24.59	-33.76	77.53	15.00
108 ARG CA	-23.92	-35.05	77.54	15.00
108 ARG CB	-24.66	-36.03	78.46	15.00
108 ARG CG	-26.18	-35.81	78.55	15.00
TOO AKG CD	-26.93	-37.01	79.17	15.00
108 ARG NE	-27.06	-38.15	78.25	15.00
108 ARG CZ	-28.19	-38.49	77.62	15.00
108 ARG NH1	-29.31	-37.79	77.80	15.00
108 ARG NH2	-28.22	-39.56	76.84	15.00
108 ARG C	-23.70	-35.67	76.15	15.00
108 ARG O	-23.77	-36.88	75.98	15.00
109 GLY N	-23.44	-34.83	75.16	15.00
109 GLY CA	-23.19	-35.32	73.82	15.00
109 GLY C	-24.08	-34.73	72.75	15.00

109 GLY 0	-24.72	-33.69	72.94	15.00
110 TYR N	-24.15			15.00
110 TYR CA	-24.97		70.50	
110 TYR CB	-24.19		69.71	15.00
110 TYR CG	-22.97		68.99	15.00
110 TYR CD1	-21.71			15.00
110 TYR CE1	-20.59	-34.90	68.91	15.00
110 TYR CD2	-23.07	-34.99		15.00
110 TYR CE2	-21.97			15.00
110 TYR CZ	-20.73		67.63	15.00
110 TYR OH	-19.63		66.93	15.00
110 TYR C	-25.31	-36.11	69.57	15.00
110 TYR 0	-24.61	-37.12	69.54	15.00
111 ARG N	-26.35		68.76	15.00
111 ARG CA	-26.74	-36.97	67.82	15.00
111 ARG CB	-28.02	-37.68	68.29	15.00
111 ARG CG	-27.87	-38.44	69.61	15.00
111 ARG CD	-29.17		70.00	15.00
111 ARG NE	-29.49	-40.25	69.07	15.00
111 ARG CZ	-28.84	-41.41	69.03	15.00
111 ARG NH1	- 1. 2.4. He Ye	-42.34	68.14	15.00
111 ARG NH2		-41.65	69.88	15.00
111 ARG C		-36.34	66.45	15.00
111 ARG 0	-27.71	-35.34	66.34	15.00
112 GLU N	-26.39		65.42	15.00
112 GLU CA	-26.57	-36.42	64.06	15.00
112 GLU CB	Market State of the Control of the C	-36.56	63.27	15.00
112 GLU CG		-35.62		15.00
112 GLU CD	-22.80	-35.91	63.12	15.00
112 GLU OE1	-22.22	-34.99	62.47	15.00
112 GLU OE2	-22.29	-37.05	63.30	15.00
112 GLU C	-27.68	-37.26	63 45	15 00
112 GLU 0	-27.84	-38.43	63.80	15 00
113 ILE N	-28.50	-36.63	62.61	15.00
113 ILE CA	-29.60	-37.28	61.90	
	-30.69			15.00
113 ILE CG2	-31.45	-36.68	60 25	15 00
113 ILE CG1	-31.68	-35.99	62.62	15 00
113 ILE CD1	-31.14	-35.16	63.73	15.00
113 ILE C	-29.00	-37.94	60.66	15.00
113 ILE 0	-28.03		60.10	
114 PRO N	-29.54			15.00
114 PRO CD	-30.62	-39.89	60.83	15.00

114 PRO CA	-29.00	-39.75	59.04	15.00
114 PRO CB	-30.00	-40.89	58.81	15.00
114 PRO CG	-30.41	-41.24	60.19	15.00
114 PRO C	-28.97	-38.80	57.86	15.00
114 PRO O	-29.98	-38.20	57.52	15.00
115 GLU N	-27.80	-38.73	57.22	
115 GLU CA	-27.56	-37.86	56.07	15.00
115 GLU CB	-26.14	-38.07	55.52	
115 GLU CG	-25.92	-37.52		
115 GLU CD	-24.48	-37.06		15.00
115 GLU OE1	-23.52	-37.73	54.28	15.00
115 GLU OE2	-24.30	-36.02	53.15	
115 GLU C		-38.00	54.93	15.00
115 GLU 0	-28.57			15.00
116 GLY N	-29.31		54.69	15.00
116 GLY CA	-30.27		53.60	15.00
116 GLY C		-37.41	53.97	
116 GLY 0	-32.57		53.14	15.00
117 ASN N	-31.86		55.24	15.00
117 ASN CA	-33.15		55.69	
117 ASN CB		-39.38	56.73	15.00
117 ASN CG	-34.19		56.99	15.00
117 ASN OD1	-35.32	-39.68	56.89	15.00
117 ASN ND2	-34.00	-41.46	57.33	15.00
117 ASN C		C a	56.27	15.00
117 ASN 0	-33.93		57.43	15.00
118 GLU N	26 No. 20 Aug. 17.1 a.	-36.79		15.00
118 GLU CA	n i ber miller ib berne	-35.78	55.99	
118 GLU CB	-36.70	-35.07	54.85	15.00
118 GLU CG		-33.77		15.00
118 GLU CD	-36.91	er en ger		15.00
118 GLU OE1	-36.81	_32.33 _32.33	53.45 53.33	15.00
118 GLU OE2	-37 72	-33.22 -33.1E	52.23	15.00
118 GLU C	-36 97	-36.13 -36.33	53.91	12.00
118 GLU C	-37 46	-30.33 -35 50	56.98	15.00
118 GLU O 119 LYS N	_37.40 _37.30	-33.39 37.61	57.83	
119 LVS CA	-31.32 -38.37	-37.01 -30.14	56.90	15.00
119 LYS CA	_30.4/	-30.14	57.87	15.00
LLO LD	~~0.65	-39.49	57.42	15.00
L19 LYS CG	=40.19	-39.34	56.68	15.00
19 LYS CD	-40.08	-38.40	55.47	15.00
LIS DIS CE	-41.47	-38.06	54.90	15.00
19 LYS NZ 19 LYS C				
17. LIS. C	-37.62	-38.24	59.24	15.00

5 m				
119 LYS 0	-38.23	-37.90	60.26	15.00
120 ALA N	-36.35	-38.62	59.28	
120 ALA CA	-35.63	-38.70		
120 ALA CB		-39.25		15.00
120 ALA C		-37.30		15.00
120 ALA O		-37.15		15.00
121 LEU N		-36.27		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
121 LEU CA	-35.38	-34.89	60.82	
121 LEU CB	-34.93	-33.91	59.73	
121 LEU CG		-32.45		
121 LEU CD1	-33.77	-32.34	61.30	
121 LEU CD2				15.00
121 LEU C		-34.48		15.00
121 LEU 0				
122 LYS N	-37.79	7.575 2001 7.55	60.66	
122 LYS CA	-39.16	-34.58	61.05	
122 LYS CB	-40.14	-35.19	60.07	the state of the second
122 LYS CG	-41.57	-34.80		
122 LYS CD		-35.45		
122 LYS CE		-35.16		
122 LYS NZ	-44.88	-35.66	58.60	
122 LYS C	-39.41			15.00
122 LYS 0	-39.87		63.33	. 199,
123 ARG N		-36.44		15.00
123 ARG CA		-37.10	63.90	
123 ARG CB	-38.84		63.84	
123 ARG CG	-39.74		62.99	15.00
	-39.33	60 50		
123 ARG NE	-37.95		62.73	15.00
123 ARG CZ	-37.42		62.51	15.00
	-38.15			
123 ARG NH2		-42.53		
123 ARG C	-38.46	-36.37	64.94	15.00
123 ARG O	-39.01	-35.82	65.89	15.00
124 ALA N	-37.15	-36.31	64.71	15.00
124 ALA CA	-36.22	-35.65	65.62	15.00
124 ALA CB	-34.86	-35.50	64.98	15.00
124 ALA C	-36.70	-34.29	66.11	15.00
124 ALA O	-36.67	-34.02	67.31	15.00
125 VAL N	-37.16	-33.45	65.19	15.00
125 VAL CA	-37.66	-32.13	65.55	15.00
125 VAL CB	-38.00	-31.28	64.27	15.00
125 VAL CG1	-38.50	-29.89	64.64	15.00

		TABLE	II -	
125 VAL CG2	-36.77	-31.11	63.41	15.00
125 VAL C		-32.25		15.00
125 VAL O	-39.03	-31.46		
126 ALA N	-39.71	-33.26		
126 ALA CA		-33.44		
126 ALA CB	-42.00	-34.13		15.00
126 ALA C	-40.64	-34.18	68.44	
126 ALA O	-41.32	-33.93		15.00
127 ARG N	-39.67	-35.09	68.46	
127 ARG CA	-39.36	-35.83		
127 ARG CB	-38.79	-37.22		
127 ARG CG	-39.80	-38.34	69.36	15.00
127 ARG CD	-40.24	-38.71	67.96	15.00
127 ARG NE	Programme and description	-40.04	67.58	15.00
127 ARG CZ	-40.46	-40.88	66.80	15.00
127 ARG NH1	-39.94	-42.06	66.52	15.00
127 ARG NH2	-41.66	-40.57	66.33	15.00
127 ARG C	-38.36	-35.09	70.56	15.00
127 ARG 0	-38.41		71.78	15.00
128 VAL N		-34.37	69.94	15.00
128 VAL CA	alan di kalangan sebelah belamba	-33.64	70.68	15.00
128 VAL CB		-33.78	69.99	15.00
128 VAL CG1		-33.24	70.88	15.00
128 VAL CG2	1	-35.23	69.64	15.00
128 VAL C	-36.75	-32.17	70.84	15.00
128 VAL 0	-36.91	-31.68	71.94	15.00
129 GLY N		-31.47	69.72	15.00
	-37.13	1 (MA) 1 (1) 1 (MA) 2 (MA) 1 (MA)	69.75	15.00
129 GLY C	-36.29			15.00
129 GLY 0	-35.92	e and the first section of	67.70	15.00
130 PRO N		-28.15	68.76	15.00
	-36.24			
130 PRO CA	-35.11	-27.49	67.75	15.00
	-34.80		A Section 1	
	-36.01		69.20	
		-28.24		
	-33.02			
	-33.63			15.00
131 VAL CA	-32.46			
	-32.89		64.73	15.00
131 VAL CG1	-31.68 ·	-31:12	64.19	15.00
131 VAL CG2	-33.78	-31.29	65.53	15.00
131 VAL C	-31.59	-28.20	64.81	15.00

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	and the second of the second o			
131 VAL 0	-32.10	-27.31	64.12	15.00
132 SER N	-30.28	-28.33	64.94	
132 SER CA	-29.35	-27.48		15.00
132 SER CB	-28.02	-27.41		15.00
132 SER OG				15.00
132 SER C		-28.09		15.00
132 SER 0	-28.84	-29.27		15.00
133 VAL N	-29.37	-27.32		
133 VAL CA	-29.21			
133 VAL CB	-30.58	-28.02		15.00
133 VAL CG1				15.00
133 VAL CG2				15.00
133 VAL C	-28.37	69 60 Landa E. C.	59.60	15.00
133 VAL 0	-28.20	-25.68	59.99	15.00
134 ALA N	-27.82			15.00
134 ALA CA	. 464 (1.5.) (1.5.)	-26.45	**	15.00
134 ALA CB		-26.95		15.00
134 ALA C	-27.65	-26.50	56.26	15.00
134 ALA 0	-28.14	-27.55		15.00
135 ILE N	-27.66	-25.38		15.00
135 ILE CA		-25.28		15.00
135 ILE CB	-29.70	-24.57	54.29	15.00
135 ILE CG2	100   100 JUNE 1848 OKTANI 1810   181	-25.39	55.10	15.00
135 ILE CG1	-29.54	-23.15	54.87	15.00
135 ILE CD1	-30.81	-22.34	54.88	15.00
135 ILE C	-27.46	-24.44	53.29	15.00
135 ILE 0	-26.40		53.66	15.00
136 ASP N	-27.97	-24.32	52.07	15.00
136 ASP CA	-27.34	-23.50	51.04	15.00
136 ASP CB	-27.56	-24.11	49.65	15.00
	-27.02	-23.23	48.53	15.00
136 ASP OD1	-27.80	-22.84	47.64	15.00
136 ASP OD2	-25.83	-22.91	48.54	15.00
136 ASP C	-28.06	-22.16		15.00
136 ASP 0	-29.21	-22.03	50.74	15.00
137 ALA N	-27.43	-21.17	51.76	
137 ALA CA	-28.07	-19.87	51.86	15.00
137 ALA CB	-27.97	-19.34	53.26	15.00
137 ALA C	-27.47	-18.89	50.85	15.00
137 ALA O	-27.92	-17.75	50.72	15.00
138 SER N	-26.43	-19.33	50.15	15.00
138 SER CA	-25.79	-18.51	49.14	15.00
138 SER CB	-24.36 -	-19.00	48.90	15.00

	S 33"			
138 SER OG	-23.55	-18.75	50.04	15.00
138 SER C	-26.61	-18.61	47.87	
138 SER 0	-26.41	-19.53	47.07	15.00
139 LEU N	-27.56	-17.70	47.74	15.00
139 LEU CA	-28.46	-17.66		
139 LEU CB	-29.32	-18.92	46.55	15.00
139 LEU CG	-30.03	-19.30	45.25	15.00
139 LEU CD1	-29.04	-19:96	44.31	15.00
139 LEU CD2	-31.14	-20.28	45.54	15.00
139 LEU C		-16.43	46.82	
139 LEU 0	-29.99	-16.29	47.87	15.00
140 THR N	-29.39	-15.54	45.83	15.00
140 THR CA	-30.17	-14.30	45.90	15.00
140 THR CB	-30.15	-13.57	44.52	15.00
140 THR OG1	-29.95	-14.53	43.47	15.00
140 THR CG2			44.48	15.00
140 THR C	-31.60	-14.43	46.41	15.00
140 THR 0	-32.02	-13.70	47.31	15.00
141 SER N	-32.35	-15.38	45.88	15.00
141 SER CA			46.27	
141 SER CB	-34.42	-16.62	45.36	15.00
		-17.78	45.21	15.00
141 SER C	-33.92	-15.96	47.74	15.00
141 SER 0	-34.99	-15.74	48.33	15.00
142 PHE N			48.37	15.00
142 PHE CA	-33.01	-16.91	49.77	15.00
142 PHE CB		-17.91	50.15	15.00
142 PHE CG	-31.91	-18.26	51.61	15.00
142 PHE CD1		-19.26	52.10	15.00
142 PHE CD2	- 1 S - 1 S - 1 S - 1	-17.58	52.50	15.00
142 PHE CE1	-32.74		53.45	15.00
142 PHE CE2	-31.09	-17.90	53.87	15.00
142 PHE CZ	-31.92	-18.89	54.34	15.00
142 PHE C	-32.87	-15.67	50.62	15.00
142 PHE O	-33.64	-15.45	51.55	15.00
TAD GTW W	-31.90	-14.85	50.24	15.00
143 GLN CA	-31.58	-13.63	50.96	15.00
143 GLN CB	-30.25	-13.12	50.48	15.00
143 GLN CG	-29.21	-14.20	50.55	15.00
L43 GLN CD	-27.89	<b>-13.73</b>	50.06	15.00
L43 GLN OE1	-27.33	-12.78	50.59	15.00
143 GLN NEZ	-27.36	-14.40	49.05	15.00
L43 GLN C	-32.63	-12.53	50.92	15.00

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143 GLN 0	-32.79	-11.82	51.91	15.00
144 PHE N	-33.31	-12.35	49.79	15.00
144 PHE CA	-34.36	-11.32	49.70	15.00
144 PHE CB	-34.28	-10.50	48.39	15.00
144 PHE CG	-34.49	_11.30	47.11	15.00
144 PHE CD1	-33.53	-11.26	46.11	15.00
144 PHE CD2		-12.02	46.88	15.00
144 PHE CE1	-33.74	-11.93	44.90	15.00
144 PHE CE2	-35.88	-12.69	45.67	15.00
144 PHE CZ	-34.91	-12.64	44.68	15.00
144 PHE C	-35.77	-11.88		15.00
144 PHE 0	-36.77	-11.36	49.45	15.00
145 TYR N	-35.82	-12.95	50.76	15.00
145 TYR CA	-37.05	-13.64		15.00
145 TYR CB	-36.69	-14.96	51.83	15.00
145 TYR CG	-37.83	-15.59		15.00
145 TYR CD1			52.01	15.00
145 TYR CE1	-39.71	-17.11	52.70	15.00
145 TYR CD2	-38.11	-15.20	53.91	15.00
145 TYR CE2	-39.18	-15.74	54.60	15.00
145 TYR CZ	-39.98	-16.69	53.99	15.00
145 TYR OH	-41.05	-17.22	54.66	15.00
145 TYR C	-37.79	-12.74	52.10	15.00
145 TYR 0		-12.04	52.89	15.00
146 SER N	-39.12	-12.80	52.09	15.00
146 SER CA		-11.97	52.99	15.00
146 SER CB		-10.61	52.35	15.00
146 SER OG		-10.75	51.05	15.00
146 SER C	-41.25	-12.62	53.43	15.00
146 SER 0	-41.83	-12.21	54.43	15.00
147 LYS N		-13.59	52.66	15.00
147 LYS CA	-42.98			15.00
147 LYS CB	-44.19	-13.35	52.82	15.00
147 LYS CG	-44.40	-12.86	.51 40	15 00
147 LYS CD	-45.58	-11.90	51.31	15.00
14/ LYS CE	-46.86	-12 63	50 05	15 00
147 LYS NZ	-48.03	-11.69	50.96	15.00
147 LYS C	-43.18	-15.52	52.13	15.00
147 LYS 0	-42.61	-15.62	51.04	15.00
148 GLY N	-44.00	-16.45	52.62	15.00
	-44.27	-17.68	51.88	15.00
	-43.30	-18.81	52.16	15.00
148 GLY O	-42.38	-18.69	52.97	15.00
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			. 🔽	and the second
149 VAL N	-43.52	-19.94	51.51	15.00
149 VAL CA		-21.10		
149 VAL CB		-22.41		
149 VAL CG1		-23.63		
149 VAL CG2	-44.62	-22.47		
149 VAL C		-20.96		
149 VAL O			49.50	
150 TYR N	-40.34	-21.30		
150 TYR CA	-39.24	-21.14	50.02	
150 TYR CB	-38.02	-20.54		15.00
150 TYR CG	-36.80	-20.39		
150 TYR CD1	-36.77	-19.48	48.80	15.00
150 TYR CE1		-19.36		
150 TYR CD2	-35.67	-21.18		
150 TYR CE2		-21.07		
150 TYR CZ	-34.56	-20.16		
150 TYR OH	-33.45	-20.04		
150 TYR C	-38.83	-22.39	49.27	15.00
150 TYR O	-38.66	-23.45	49.85	15.00
151 TYR N	-38.62	-22.22	47.97	
151 TYR CA	-38.17		47.12	15.00
151 TYR CB	-39.33	-24.21	46.71	15.00
151 TYR CG	-38.86	-25.44	45.98	15.00
151 TYR CD1	-37.95	-26.30	46.56	15.00
151 TYR CE1	-37.46	-27.40	45.87	
151 TYR CD2		-25.71		15.00
151 TYR CE2	-38.81	-26.81	43.98	15.00
151 TYR CZ	-37.89	-27.65	44.58	15.00
151 TYR OH	-37.37	-28.73	43.90	15.00
151 TYR C	-37.49	-22.74	45.88	15.00
151 TYR O			45.28	15.00
152 ASP N	-36.36	-23.32	45.49	15.00
152 ASP CA	-35.64	-22.85	44.31	15.00
152 ASP CB	-34.72	-21.69	44.66	15.00
152 ASP CG	-34.07	-21.09	43.44	15.00
152 ASP OD1	-33.12	-21.69	42.92	15.00
152 ASP OD2	-34.52	-20.01	43.01	15.00
152 ASP C	-34.83	-23.96	43.66	15.00
152 ASP 0	-33.85	-24.45	44.23	15.00
153 GLU N	-35.21	-24.32	42.44	15.00
153 GEU CA	-34.53	-25.36	41.69	15.00
123 GLO CB	-34.98	-25.36	40.21	15.00
153 GLU CG	-35.22	-23.98	39.55	15.00

153 GLU CD	-33.95	-23.34	38.93	15.00
153 GLU OE1	-33.38	-22.41	39.56	
153 GLU OE2	-33.56	-23.73	37.80	15.00
153 GLU C	-33.02	-25.27	41.80	15 00
153 GLU 0	-32.36	-26.29	42 00	15.00
154 SER N	-32.48	-24.05	41 74	15.00
154 SER CA	-31.02	-23.84	41 81	15.00
154 SER CB	-30.65	-22.45	41.31	15.00
154 SER OG	-30.66	-22.41	39.90	15 00
154 SER C	-30.37	-24.06	43 16	15.00
154 SER O	-29.14	-23.91	43.30	15.00
155 CYS N	-31.15	-24.39	44.19	
155 CYS CA	-30.56	-24.61	45 49	15.00
155 CYS C	-29.70		45.37	
155 CYS 0		-26.88	44.86	
155 CYS CB	-31.63	-24.79	46.55	
155 CYS SG	-31.06	-24.07	48 11	15.00
156 ASN N	-28.43	-25.75	45.74	
156 ASN CA	-27.50		45.66	
156 ASN CB		-26.39	45 18	15.00
156 ASN CG	-25.14	-27.52	44.97	15.00
156 ASN OD1	-25.51	-28.70	44 95	15 00
156 ASN ND2		-27.16	44.80	15.00
156 ASN C		-27.66	46.95	15.00
156 ASN 0		-27.31		15.00
157 SER N		-28.79	46.98	15.00
157 SER CA		-29.71		
157 SER CB		-31.00	47 65	15.00
157 SER OG	-29.25	-30.85	46 33	15.00
157 SER C	-26.63	-30.03	48.63	15.00
157 SER 0	-26.46	-30.47	49.77	15.00
		-29.83	47 80	15.00
	-24.23	-30 12		15.00
158 ASP CB	-23.50	-30.73		15.00
158 ASP CG	-23.99	-32 13	46 66	15 00
158 ASP OD1	-24.82	-32.27	45.74	15.00
158 ASP OD2	-23.57	-33 09	47 34	15 00
158 ASP C		-28.95	48 72	15.00
158 ASP 0	-22.48	-29 13	49 12	15.00
159 ASN N	-23.80	-27.73	48 33	15 00
159 ASN CA	-23.05	-26.56	48 81	15 00
	-23.07	-25.44	47 75	15 00
159 ASN CG	-22.15	-24.26	ΔQ 11	15.00
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	159 ASN OD1	-22.30	-23.64	49.16	15.00
	159 ASN ND2	-21.21	-23.95	47.22	15.00
	159 ASN C		-26.08		
•	159 ASN 0		-25.14		15.00
	160 LEU N	-23.27	-26.74		15.00
	160 LEU CA		-26.33		
	160 LEU CB	-23.76	-27.50		. 754 77 - 2 .4
	160 LEU CG	-24.57	-28.73		
•	160 LEU CD1		-29.96		15.00
	160 LEU CD2	-26.06	-28.51	53.32	C
	160 LEU C		-25.21	53.02	
	160 LEU O	-21.70	-25.45		15.00
:	161 ASN N	-23.41	-24.01		15.00
	161 ASN CA	-22.59	-22.86	53.54	
:	161 ASN CB	-22.43	-21.97	52.31	100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	161 ASN CG	-23.75	-21.64	51.67	- 11 a 11
i	161 ASN OD1	-24.51	-20.79	52.17	
	161 ASN ND2	-24.09	-22.36	50.62	15.00
	161 ASN C	-23.07	-22.00	54.70	15.00
	161 ASN 0	-22.32	-21.20	55.27	15.00
	162 HIS N	-24.34	-22.10	55.06	15.00
	162 HIS CA	-24.87	-21.31	56.16	15.00
	162 HIS CB	-25.90	-20.34	55.60	15.00
	162 HIS CG	-26.42	-19.36	56.60	15.00
:-	162 HIS CD2	-27.67	-19.00	56.94	15.00
	162 HIS ND1	-25.58	-18.61	57.40	15.00
	162 HIS CE1	-26.30	-17.82	58.18	15.00
•	162 HIS NE2	-27.57	-18.05	57.92	15.00
•	162 HIS C	-25.52	-22.24	57.17	15.00
	162 HIS O	-26.26	-23.14	56.80	15.00
	163 ALA N	-25.22	-22.02	58.45	15.00
	163 ALA CA	-25.79	-22.84	59.53	15.00
	163 ALA CB	-24.77	-23.10	60.61	15.00
j	IN A ALA C	-27.00	-22.13	60.10	15.00
	163 ALA O	-26.93	-20 95	60 48	15 00
٠.	164 VAL N	-28.10	-22.85	60.20	15.00
	164 VAL CA	-29.34	-22.30	60.70	15.00
	TOT ANT CR	-30.25	-22.02	59.52	15.00
	164 VAL CG1	-31.04	-23.26	59 13	15 00
	TOW VALL CG2	-31.11	-20.83	59.80	15.00
	164 VAL C	-29.96	-23.25	61.73	15.00
	164 VAL O	-29.32	-24.21	62.14	15.00
	165 LEU N	-31.20		62.16	

165 LEU CA	-31.87	-23.83	63.17	15.00
165 LEU CB	-31.87	-23.10	64.52	
165 LEU CG	-32.48	-23.78	65.74	
165 LEU CD1	-31.58	-24.90	66.23	
165 LEU CD2		-22.77	66.84	
165 LEU C	-33.31	-24.16	62.81	
165 LEU O	-34.08	-23.27	62.49	15.00
166 ALA N		-25.43	62.90	
166 ALA CA	-35.06	-25.86	62.59	Art at a constant
166 ALA CB	-35.05	-27.27	62.00	
	-35.91	A 1004 TO 12 CONT OF 18 TO	63.86	15.00
166 ALA O	-35.69	-26.57	64.80	15.00
167 VAL N	-36.89	-24.92	63.85	15.00
167 VAL CA		-24.65	65.00	15.00
167 VAL CB	-37.89	-23.09	65.18	15.00
167 VAL CG1	-38.97	-22.71	66.15	15.00
	-36.58	en er ekult mekkurdiberal	65.68	
167 VAL C	-39.16	-25.32	64.93	15.00
167 VAL 0		-25.21	65.84	15.00
168 GLY N	-39.43	-26.06	63.87	15.00
168 GLY CA	-40.71	-26.72	63.75	
168 GLY C	-40.98	-27.09	62.31	15.00
168 GLY 0	-40.05	-27.10	61.49	15.00
169 TYR N	-42.23	-27.39	61.99	15.00
169 TYR CA	-42.65	-27.76	60.65	15.00
169 TYR CB	-42.15	-29.17	60.29	15.00
169 TYR CG	-42.64	-30.27	61.22	15.00
169 TYR CD1		-30.58		15.00
169 TYR CE1		-31.57	62.15	15.00
169 TYR CD2	-41.75	-30.99	62.01	
169 TYR CE2	-42.20	-31.99	62.85	15.00
169 TYR CZ	-43.56	-32.28		
169 TYR OH	-44.04	-33.28	63.71	15.00
169 TYR C	-44.16	-27.70	60.54	15.00
169 TYR O	-44.85	-27.38	61.52	15.00
170 GLY N	-44.70	-28.04	59.38	15.00
170 GLY CA	-46.13	-28.00	59.18	15.00
	-46.49	-27.76	57.73	15.00
170 GLY 0	-45.83	-28.26	56.83	15.00
1/1 ILE N	-47.48	-26.92	57.48	15.00
171 ILE CA	-47.95	-26.63	56.13	15.00
171 ILE CB	-49.03	-27.66	55.72	15.00
171 ILE CG2	-50.01	-27.09	54.71	15.00

171 ILE CG1	-48.36	-28.95	55.21	15.00
171 ILE CD1	-49.35		54.82	T
171 ILE C	-48.54	-25.23	56.14	15.00
171 ILE 0	-48.91	-24.71	57.20	15.00
172 GLN N	-48.58	-24.55	55.00	15.00
172 GLN CA	-49.16	-23.20	54.97	15.00
172 GLN CB	-48.08	-22.18	54.62	15.00
172 GLN CG	-48.58	-20.75	54.57	15.00
172 GLN CD	-47.50	-19.79	54.12	15.00
172 GLN 0E1	-46.95	-19.93	53.02	15.00
172 GLN NE2	-47.18	-18.82	54.96	15.00
172 GLN C	-50.29	-23.15	53.96	15.00
172 GLN 0	-51.45	-22.89	54.32	15.00
173 LYS N	-49.96	-23.36	52.68	15.00
173 LYS CA	-50.96	-23.38	51.61	15.00
173 LYS CB	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-22.14	50.69	15.00
173 LYS CG	-51.09	-20.78	51.36	15.00
173 LYS CD	-52.40	-20.72	52.16	15.00
173 LYS CE	-53.63	-20.91	51.29	15.00
173 LYS NZ	-54.88	-20.56	52.06	15.00
173 LYS C	-50.66	-24.63	50.81	15.00
173 LYS 0	-50.20	-24.57	49.67	15.00
174 GLY N	-50.86	-25.77	51.45	15.00
174 GLY CA	-50.60	-27.04	50.79	15.00
174 GLY C	-49.13	-27.39	50.91	15.00
174 GLY 0	<ol> <li>A. A. A. A. Martin, Phys. Lett. B 19, 120 (1997).</li> </ol>	-28.52	51.28	15.00
175 ASN N		-26.42	50.63	15.00
175 ASN CA	-46.83	-26.66	50.70	15.00
175 ASN CB	-46.06	-25.48	50.10	15.00
			48.61	15.00
175 ASN OD1	-47.34	-24.79	48.20	15.00
175 ASN ND2	-45.38	-25.81	47.80	15.00
175 ASN C	-46.33	-26.96	52.11	15.00
175 ASN 0	-46.55	-26.18	53.05	15.00
176 LYS N	-45.69	-28.13	52.25	15.00
176 LYS CA	-45.13	-28.55	53.53	15.00
176 LYS CB	-44.68	-30.01	53.48	15.00
176 LYS CG	-45.77	-31.03	53.17	15.00
176 LYS CD	-45.27	-32.45	53 44	15 00
176 LYS CE	-46.19	-33.50	52.85	15.00
176 LYS NZ	-46.03	-33.64	51.36	15.00
176 LYS C				
176 LYS O	-43.25	-27.27	52.77	15.00

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177 HIS N	-43.57	-27.37	54.99	15.00
177 HIS CA	-42.44		55.22	15.00
177 HIS CB	-42.90			15.00
177 HIS CG	-43.81	-24.59		15.00
177 HIS CD2	-43.59	-24.40	57.52	15.00
177 HIS ND1	-45.13	-24.24	55.98	
177 HIS CE1	-45.67	-23.85		15.00
177 HIS NE2	-44.76	-23.93		15.00
177 HIS C		-26.66	56.55	15.00
177 HIS O	-42.31	-27.17	57.50	15.00
178 TRP N	-40.48	-26.20		15.00
178 TRP CA	-39.68	-26.25	57.82	15.00
178 TRP CB	-38.26	-26.73	57.52	15.00
178 TRP CG	-38.13	-28.11		15.00
178 TRP CD2	-38.29	-29.32	57.78	15.00
178 TRP CE2	1,000	-30.39	56.93	15.00
178 TRP CE3		-29.59		15.00
178 TRP CD1	-37.74	-28.49	55.78	15.00
178 TRP NE1	-37.62	-29.86	55.72	15.00
178 TRP CZ2	-38:00	-31.71	57.35	15.00
178 TRP CZ3	-38.72	-30.91	59.52	15.00
178 TRP CH2	-38.38	-31.96	58.64	15.00
178 TRP C	-39.60	-24.81	58.34	15.00
178 TRP 0	-39.21	-23.90	57.60	15.00
179 ILE N	-39.96	-24.57	59.59	15.00
179 ILE CA	-39.89	-23.23	60.17	15.00
179 ILE CB	-40.79	-23.11	61.41	15.00
179 ILE CG2	-40.66	-21.74	A 100 A	15.00
179 ILE CG1	-42.24	-23.42	61.02	15.00
179 ILE CD1	-43.21	-23.40	62.15	15.00
	-38.44	-23.00	60.58	15.00
179 ILE 0	-37.97	-23.57	61.56	15.00
180 ILE N	-37.72		59.81	15.00
180 ILE CA	-36.31	-21.89	60.07	15.00
180 ILE CB	-35.49	-21.93	58.76	15.00
180 ILE CG2	-34.04	-21.77	59.05	
180 ILE CG1	-35.73	-23.25		
180 ILE CD1	-35.30			
180 ILE C			60.77	and the second of the second
180 ILE O	-36.62	-19.52	60.42	
181 LYS N	-35.13	-20.57	61.74	1.0
181 LYS CA	-34.73	-19.40	62.50	15.00
181 LYS CB	-34.63	-19.75		

			•	
181 LYS CG	-34.15		64.87	15.00
181 LYS CD		-19.04	66.29	15.00
181 LYS CE	-33.65	and the second s	67.19	15.00
181 LYS NZ	-33.21		68.57	15.00
181 LYS C	-33.36		62.01	15.00
181 LYS O	-32.43		62.05	15.00
182 ASN N		-17.77	61.53	15.00
182 ASN CA		-17.34	61.04	15.00
182 ASN CB	-32.07	-16.64	59.69	15.00
182 ASN CG	-30.84	-16.74	58.82	15.00
182 ASN OD1		-17.06	59.30	15.00
182 ASN ND2	-31.01		57.53	15.00
182 ASN C	-31.22	-16.43	62.06	15.00
182 ASN 0	-31.77	- 1 W	63.11	15.00
183 SER N	-30.00	-15.98	61.77	15.00
183 SER CA	-29.29	-15.10	62.69	15.00
183 SER CB	-28.07	-15.81	63.25	15.00
183 SER OG	-27.40	-16.52	62.23	15.00
183 SER C	-28.87	-13.82	61.98	15.00
183 SER O	-27.82	-13.25	62.27	15.00
184 TRP N	-29.70	-13.35	61.06	15.00
184 TRP CA	-29.40	-12.13	60.34	15.00
184 TRP CB	-29.58	-12.36	58.83	15.00
184 TRP CG	-28.57	-13.29	58.22	15.00
184 TRP CD2	-28.61	-13.87	56.90	15.00
184 TRP CE2	-27.40	-14.58	56.72	15.00
184 TRP CE3	-29.54	-13.84	55.86°	15.00
184 TRP CD1	-27.39	-13.69	58.76	15.00
184 TRP NE1	-26.68	-14.46	57.87	15.00
184 TRP CZ2	-27.11	-15.26	55.53	15.00
184 TRP CZ3	-29.25	-14.52	54.67	15.00
184 TRP CH2	-28.04	-15.22		15.00
184 TRP C	-30.28	-10.98	60.82	15.00
184 TRP 0	-30.61	-10.09	60.04	15.00
185 GLY N	-30.70	-11.02		15.00
185 GLY CA	-31.53	-9.96	S	15.00
185 GLY C	-33.03			15.00
	-33.46		A	15.00
186 GLU N	-33.84	-9.34	63.17	
.86 GLU CA	-35.30			
.86 GLU CB	-36.00	-8.71	64.19	15.00
.86 GLU CG	-35.52	-9.13	65.56	15.00
.86 GLU CD	-36.52			

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186 GLU OE1	-36.30	-9.38	67.80	15.00
186 GLU OE2	-37.51	-8.13	66.46	
186 GLU C	-35.74		61.73	15.00
186 GLU O	-36.83	-9.11	61.22	15.00
187 ASN N	-34.89	-7.97	61.19	15.00
187 ASN CA	-35.15	-7.28	59.95	15.00
187 ASN CB	-34.04	-6.25	59.73	15.00
187 ASN CG	-34.56	-4.94	59.17	15.00
187 ASN OD1	-33.77	-4.07	58.80	15.00
187 ASN ND2	-35.88	-4.76	59.16	15.00
187 ASN C	-35.21	-8.22	58.75	15.00
187 ASN 0	-36.04	-8.04	57.86	15.00
188 TRP N	-34.33	-9.22	58.73	15.00
188 TRP CA	-34.26	-10.18	57.64	15.00
188 TRP CB	-33.03	-11.07	57.79	15.00
188 TRP CG	-32.85	-12.02	56.65	15.00
188 TRP CD2	-33.28	-13.38	56.57	15.00
188 TRP CE2	-32.98	-13.85	55.28	15.00
188 TRP CE3	-33.90	-14.26	57.48	15.00
188 TRP CD1	-32.31	-11.72	55.44	15.00
188 TRP NE1	-32.39	-12.81	54.61	15.00
188 TRP CZ2	-33.27	-15.15	54.86	15.00
188 TRP CZ3	-34.20	-15.55	57.06	15.00
188 TRP CH2	-33.88	-15.98	55.77	15.00
188 TRP C	-35.50	-11.05	57.53	15.00
188 TRP 0	-36.10	-11.42	58.55	15.00
189 GLY N	-35.85	-11.42	56.31	15.00
189 GLY CA	-37.00	-12.26	56.07	15.00
189 GLY C	-38.21	-11.92	56.90	15.00
189 GLY 0	-38.47	-10.76	57.23	15.00
190 ASN N	-38.97	-12.94	57.27	15.00
190 ASN CA	-40.16	-12.73	58.07	15 00
190 ASN CB	-41.17	-13.86	57.83	15 00
TAO WEN CC	-42.55	-13.53	58.36	15.00
190 ASN OD1	-42.70	-12.88	59 30	15 00
190 ASN ND2	-43.57	-13.99	57.65	15.00
L9U ASN C	-39.79	-12.67	59.54	15.00
LOU ASN U	-39.85	-13.66	60.25	15.00
TAT TAR M	-39.32	-11.52	60.00	15.00
191 LYS CA	-38-95	-11 34	61 20	1 E 00
AT TAR CB	-40.19	-11.48	62.29	15 00
TAR CC	-40.95	-10.18	62.44	15.00
.91 LYS CD	-42.19	-10.32	63 . 3.0	15.00

191 LYS CE		-10.98	62.52	15.00
191 LYS NZ	-43.71	-10.21	61.31	
191 LYS C		-12.24		15.00
191 LYS O	-37.77	-12.55	63.06	15.00
192 GLY N	-36.94	-12.61	60.98	15.00
192 GLY CA	-35.83	-13.46	61.35	
192 GLY C		-14.91		15.00
192 GLY O	-35.12	-15.70	60.99	15.00
193 TYR N	-37.29	-15.27	60.65	15.00
193 TYR CA	-37.60	-16.64	60.28	15.00
193 TYR CB		-17.13	61.05	15.00
193 TYR CG	-38.60	-17.31	62.52	
193 TYR CD1	-38.73	-16.25	63.41	$m \in \mathbb{N}$ , $m \in \mathbb{N}$ , $(m \in \mathbb{N}, \mathbb{N}, \mathbb{N})$
193 TYR CE1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-16.41		15.00
193 TYR CD2	-38.19	-18.55	63.03	15.00
193 TYR CE2	-37.92	-18.71	64.38	
193 TYR CZ	-38.05		65.23	
193 TYR OH		-17.80	66.56	
193 TYR C	-37.83		58.79	15.00
193 TYR O	-38.02	-15.82	58.08	
194 ILE N	-37.82		58.35	15.00
194 ILE CA	-38.04	-18.41		15.00
194 ILE CB	7,	-18.32	56.10	
194 ILE CG2		-19.14	56.72	5 95 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
194 ILE CG1	-37.03	-18.83	54.69	15.00
194 ILE CD1	-35.86	-18.72	53.75	Col. 1 22 2 2 3 3
194 ILE C	-38.61	a land a second	56.83	5 8 7 L 100 C 10
194 ILE 0	-38.11		57.43	15.00
195 LEU N			56.10	
195 LEU CA	-40.38	-21.19	55.85	15 00
195 LEU CB	-41.88	-20.96	55.65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
195 LEU CG	-42.82	and the state of t	56.86	
195 LEU CD1	-42.19			15.00
195 LEU CD2	-44.12	-20.18		15.00
195 LEU C	-39.76	and the latest the second	54.59	
195 LEU O		1 2 4 9 1 27000 LL	53.53	
196 MET N	-39.11	-22.93	54.71	15.00
196 MET CA	-38.46	-23.57	53.57	15 00
196 MET CB	-37.03			15.00
196 MET CG	-36.09	-22.77	54.14	
196 MET SD	-34.43 -	-23.18	100000	15.00
196 MET CE	-33.67 -	-23.82	53.22	15.00
196 MET C	-39.28		53.11	

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196 MET 0	-40.09	-25.31	53.86	15.00
197 ALA N	-39.08	-25.23	51.87	
197 ALA CA	-39.83	-26.37	51.32	15.00
197 ALA CB	-39.62	-26.47		
	-39.52			15.00
197 ALA 0	-38.37	-28.15	51.98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
198 ARG N	-40.56	-28.39	52.46	15.00
198 ARG CA	-40.40	-29.68	53.11	
198 ARG CB	-41.17	-29.72		
198 ARG CG	-41.15	-31.07	55.15	15.00
198 ARG CD	-41.43			
198 ARG NE	-42.81		<ul> <li>Control of the State of the Sta</li></ul>	15.00
198 ARG CZ	-43.79	-31.47	57.10	15.00
198 ARG NH1	-43.54	-32.78	57.01	
198 ARG NH2			57.42	
198 ARG C	-40.82	-30.85	52.23	15.00
198 ARG O	-41.86	-30.80	51.57	15.00
199 ASN N	-40.00	-31.89	52.23	15.00
199 ASN CA	-40.25		51.45	15.00
199 ASN CB			51.83	
199 ASN CG			53.22	15.00
199 ASN OD1	-42.60	-34.43	53.91	15.00
199 ASN ND2	-40.42			15.00
199 ASN C	-40.15	and the second s	49.94	15.00
199 ASN 0	-40.49		49.19	15.00
200 LYS N	-39.67	-31.77	49.49	
200 LYS CA	-39.50			
200 LYS CB	-39.77		47.65	15.00
200 LYS CG	-41.23	-29.79	6 65 WW.45	15.00
200 LYS CD	-41.42	-28.49		
200 LYS CE	-42.88	-28.03	46.65	15.00
200 LYS NZ	-43.06	-26.68	46.03	15.00
200 LYS C	-38.09	-31.95	47.69	15.00
200 LYS 0 201 ASN N	-37.28	-31.12	47.26	15.00
201 ASN N	-37.80	-33.22	47.95	15.00
201 ASN CA	-36.50	-33.81	47.65	15.00
201 ASN CB	-36.24	-33.83	46 13	15 00
201 ASN CG	-37.32	-34.57	45.35	15.00
201 ASN CG 201 ASN OD1	-37.09	-35.68	44.87	15.00
201 ASN ND2	-38.46	-33.92	45.15	15.00
201 ASN C	-35.31	-33.16	48.37	15.00
201 ASN O	-34.31	-32.84	47.74	15.00
202 ASN N	-35.43	-32.90	49.67	15.00

202 ASN CA	-34.32	-32.33	50.44	15.00
202 ASN CB		-33.35		
202 ASN CG	-32.27	-33.14	51.68	15.00
202 ASN OD1	-32.71	-32.70	52.75	15.00
202 ASN ND2		-33.48		15.00
202 ASN C	-33.81	-30.99	49.89	1 1 1 1 1 1 1 1 1 1 1
202 ASN 0	-32.60	-30.77	49.75	15.00
203 ALA N	-34.73	-30.09	49.59	15.00
203 ALA H	-35.63	-30.29	49.94	
203 ALA CA	-34.40	-28.79	49.02	15.00
203 ALA CB	-35.62	-27.88	48.98	
203 ALA C	-33.35	-28.09	49.90	15.00
203 ALA O	-33.51	-27.93		
204 CYS N	-32.27	-27.66	49.25	
204 CYS CA	-31.18	-26.94	49.91	
204 CYS C	-30.38	-27.79	50.89	
204 CYS 0		-27.25		15.00
204 CYS CB	-31.71	-25.68	50.59	15.00
204 CYS SG	-32.51	-24.48	49.47	
205 GLY N	-30.56	-29.10	50.84	15.00
205 GLY CA	-29.83	-30.00	51.71	
205 GLY C	-30.11	-29.81	53.19	15.00
205 GLY 0	-29.22	-29.98	54.02	
	-31.35	-29.51	53.52	15.00
	-31.77	-29.30	54.89	15.00
206 ILE CB	-33.30	-29.10	54.96	15.00
206 ILE CG2	1. Y	-30.31	54.38	15.00
206 ILE CG1	-33.76	-28.86	56.41	15.00
206 ILE CD1	-33.48	-27.47	56.92	15.00
206 ILE C		-30.45	55.82	15.00
206 ILE 0			56.97	15.00
			55.31	15.00
207 ALA CA	-31.00	-32.84	56.11	15.00
207 ALA CB	-32.05	-33.93	55.95	15.00
207 ALA C	-29.61	-33.42	55.88	15.00
207 ALA O	-29.35	-34.57	56.24	15.00
208 ASN N	-28.68	-32.65	55.31	15.00
08 ASN CA	-27.33	-33.15	55.05	15.00
08 ASN CB	-26.76	-32.53	53.77	15.00
08 ASN CG	-27.34	-33.15	52.51	15.00
08 ASN OD1	-28.21	-34.02	52.57	15.00
08 ASN ND2	-26.89	-32.67	51.36	15.00
08 ASN C	-26.32	-32.95	56.20	15.00

208 ASN 0	-25.17	-33.40	56.12	15.00
209 LEU N	-26.72	-32.25		
209 LEU CA	-25.84	-32.03	58.40	
209 LEU CB	-24.76	-31.00	58.04	15.00
209 LEU CG	-23.41	-30.99	58.78	15.00
209 LEU CD1	-22.72	-32.35	58.64	
209 LEU CD2	-22.51	-29.86	58.24	15.00
209 LEU C	-26.67	-31.60	59.63	15.00
209 LEU 0	-26.38	-30.59	60.28	15.00
210 ALA N	-27.72	-32.37	59.95	15.00
210 ALA H	-28.03	-32.90	59.19	15.00
210 ALA CA	-28.61	-32.05	61.06	15.00
210 ALA CB	-30.02	-32.57	60.81	15.00
210 ALA C	-28.10	-32.73	62.34	15.00
210 ALA 0	-27.62	-33.86	62.34	15.00
211 SER N	-28.18	-32.02	63.47	15.00
211 SER CA	-27.75	-32.59	64.74	15.00
211 SER CB	-26.24	-32.46	64.92	15.00
211 SER OG	-25.84	-31.12	65.06	15.00
211 SER C	-28.45	-31.88	65.88	15.00
211 SER 0	-29.03	-30.80	65.71	15.00
212 PHE N	-28.50	-32.51	67.04	15.00
212 PHE CA		-31.91	68.21	15.00
212 PHE CB	-30.59	-32.31	68.33	15.00
212 PHE CG	-30.81	-33.79	68.43	15.00
212 PHE CD1	-31.11	-34.54	67.30	15.00
212 PHE CD2	-30.72	-34.44	69.66	15.00
212 PHE CE1	-31.32	-35.91	67.39	15.00
212 PHE CE2 212 PHE CZ		-35.81	69.77	15.00
and the second s		-36.55	68.63	15.00
212 PHE C	-28.30			15.00
212 PHE 0 213 PRO N	-27.66		69.32	15.00
213 PRO N 213 PRO CD	-28.24	-31.58	70.46	15.00
	-28.77	-30.21	70.54	15.00
	-27.48			
医性性 医精发性 医多种的	-27.21		72.28	15.00
그렇게 하는 사람들이 되었다.	-28.47			15.00
	-28.27		72.64	15.00
	-29.50 ·			15.00
	-27.57		73.42	
.200. 0.11 - x.1x., http://doi.org/10.100	-28.23 ·		74.37	
	-27.67 ·	1, 7, 9		15.00
-1- UIO CG	-28.06	-36.64	73.02	15.00

214 LYS CD	-27.66	-38.11	73.07	15.00
214 LYS CE	-26.16	-38.29	73.05	15.00
214 LYS NZ	-25.79	-39.70	72.73	15.00
214 LYS C	-28.03	-33.95	75.77	15.00
214 LYS O	-26.90	-33.70	76.18	15.00
215 MET N	-29.12	-33.69		15.00
215 MET CA	-29.06	-33.18		15.00
215 MET CB	-29.71	· · · · · · · · · · · · · · · · · · ·	77.93	15.00
215 MET CG	-28.74	-30.64	77.75	The second second
215 MET SD	-29.45		the state of the s	
215 MET CE	-30.38	-29.32	79.56	15.00
215 MET C	-29.72	-34.16		15.00
215 MET OT1	-30.39		78.35	15.00
215 MET OT2	-29.55	-33.97	80.04	
216 НОН ОН2	-28.46		85.58	
217 нон он2			81.97	15.00
218 НОН ОН2	-31.11	-15.95	65.82	15.00
219 нон он2	-30.23	-19.59	64.13	15.00
220 нон он2	-8.58		62.36	
221 НОН ОН2		-10.79	69.96	
222 нон он2	-34.27	-22.79	70.48	15.00
223 нон он2	-16.88	-33.68		15.00
224 HOH OH2	-15.68	-8.93	63.11	15.00
225 нон он2	-24.93	-30.84	62.42	15.00
226 НОН ОН2	-7.02	-8.27	72.29	15.00
227 НОН ОН2		-20.80	66.92	15.00
228 нон он2	-44.55	-30.12	50.27	
229 нон он2		-35.34	56.06	
230 нон он2		-16.02	68.44	15.00
231 нон он2	-36.41		52.05	15.00
232 нон он2			62.15	15.00
233 нон он2		-19.30		
234 нон он2				
235 нон он2		-29.95	62.71	10.0
236 нон он2			75.85	
237 НОН ОН2	-41.00			
238 НОН ОН2		-23.15		
	-40.55	-13.35	49.90	15 00
240 нон он2	-35.40	-24.36	49.00	15 00
241 нон он2	-48.40	-32.54	58.07	15:00
242 нон он2	-27.39	-6.75		
	-41.50			
	-22.40		61.33	
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			e in the	
245 HOH OH2	-33.17	-27.91	70.80	15.00
246 нон он2	-45.87	-26.25	75.72	
247 нон он2	-12.64	-13.96	81.39	15.00
248 НОН ОН2	-3.78	-18.92	74.98	15.00
249 HOH OH2	-8.03	-17.70	78.42	15.00
250 нон он2	-27.41	-34.98	59.22	15.00
251 нон он2	-34.88	-10.94	53.71	15.00
252 нон он2	-32.92	-27.68	46.17	15.00
253 нон он2	-39.35	-16.01	44.28	15.00
254 НОН ОН2	-41.38	-34.64	56.30	15.00
255 НОН ОН2	-44.42	-18.35	73.08	15.00
256 нон он2	-32.35	-13.73	61.23	15.00
257 НОН ОН2	-39.40	-8.90	59.13	15.00
258 НОН ОН2	-28.41	-8.93	68.65	15.00
259 НОН ОН2	-31.58	-6.53	63.69	15.00
260 HOH OH2	-19.27	-8.48	63.41	
261 HOH OH2	-33.33	-20.29	70.52	15.00
262 нон он2	-13.49	-22.80	78.17	15.00
263 нон он2	-8.72	-18.49	72.60	15.00
264 нон он2	-10.39	-28.70		15.00
265 нон он2	-20.24	-31.77	61.63	
266 нон он2	-24.78	-46.10	72.19	15.00
267 нон он2	-13.26	-33.12	68.94	15.00
268 нон он2	-12.60	-26.87	72.01	15.00
269 нон он2	-17.76	-34.32	80.14	15.00
270 нон он2	-22.51	-37.80	70.83	15.00
271 нон он2	-7.33	-12.89	66.95	15.00
272 нон он2	-9.75	-17.21	68.77	15.00
273 нон он2	-30.86	-20.40	48.59	15.00
274 НОН ОН2	-25.79	-24.78	42.10	15.00
275 нон он2	-33.50	-37.21	50.03	15.00
276 нон он2	-23.21	-24.90		15.00
277 нон он2	-37.83	-31.49	44.10	
278 НОН ОН2	-37.02	-30.78		15.00

Table of the orthogonal three dimensional coordinates in Angstroms and B factors  $(\mathbb{A}^2)$  for the cathepsin K complex with inhibitor bis-(cbz-leucinyl)-1,3-diamino-propan-2-one.

Residue Atom	X	Y	Z	В
1 ALA CB	-54.29	-33.17	65.94	15.00
1 ALA C		-32.69	63.50	
1 ALA O		-33.61	62.80	15.00
1 ALA N	-55.60		64.17	
1 ALA CA	-54.93		64.57	4 P 1 4 P 1 P 1
2 PRO N	-53.52	-31.40	63.32	
2 PRO CD	-53.99	-30.23	64.09	
2 PRO CA	-52.52	-30.98	62.32	15.00
2 PRO CB	-52.49	-29.46	62.49	15.00
2 PRO CG	-52.83	-29.26	63.94	15.00
2 PRO C	-51.13	-31.59	62.52	15.00
2 PRO O	-50.62	-31.64	63.64	15.00
3 ASP N	-50.53	-32.08	61.44	15.00
3 ASP CA	-49.19	-32.65	61.51	15.00
3 ASP CB	-48.89	-33.49	60.27	15.00
3 ASP CG	-49.53	-34.88	60.32	15.00
3 ASP OD1	-49.43	-35.55	61.39	15.00
3 ASP OD2	-50.12	-35.29	59.28	15.00
3 ASP C	-48.24	-31.46	61.55	15.00
3 ASP O	-47.60	-31.14	60.54	15.00
4 SER N	-48.16	-30.78	62.68	15.00
4 SER CA	-47.29	-29.62	62.80	15.00
4 SER CB	-47.99	-28.35	62.27	15.00
4 SER OG	-48.14	-28.37	60.86	15.00
4 SER C	-46.84	-29.35	64.23	15.00
4 SER O	-47.54	-29.71	65.19	15.00
5 VAL N	-45.68	-28.72	64.36	15.00
5 VAL CA	-45.14	-28.35	65.65	15.00
5 VAL CB	-44.25	-29.47	66.25	15.00
5 VAL CG1	-43.09	-29.81	65.33	15.00
5 VAL CG2	-43.75	-29.04	67.62	15.00
5 VAL C	-44.36	-27.06	65.44	15.00
5 VAL O	-43.60	-26.93	64.48	15.00
6 ASP N	-44.59	-26.08	66.30	15.00
6 ASP CA	-43.94	-24.79	66.20	15.00

6 ASP CB	-44.95	-23.76	65.68	15.00
6 ASP CG	-44.35	-22.38	65.47	
6 ASP OD1	-43.14		2.000.24	15.00
6 ASP OD2	-45.11	-21.39	65.56	15.00
6 ASP C	-43.47	-24.45	67.60	
6 ASP O	-44.25	-24.02	68.45	15.00
7 TYR N	-42.18	-24.61		15.00
7 TYR CA	-41.62	-24.34	69.18	15.00
7 TYR CB	-40.24	-24.98	69.29	15.00
7 TYR CG	-40.34	-26.48	69.38	15.00
7 TYR CD1	-40.73	-27.10	70.57	15.00
7 TYR CE1	-40.88	-28.46	70.65	15.00
7 TYR CD2	-40.08	-27.28	68.27	15.00
7 TYR CE2	-40.23	-28.65	68.34	15.00
7 TYR CZ	-40.63	-29.23	69.53	15.00
7 TYR OH	-40.78	-30.58	69.62	N 1 8 2
7 TYR C	-41.58	-22.91	69.65	15.00
7 TYR O	-41.37	-22.64	70.84	15.00
8 ARG N	-41.80	-21.97	68.74	15.00
8 ARG CA	-41.78	-20.56	69.11	15.00
8 ARG CB	-41.99	-19.67	67.87	15.00
8 ARG CG	-40.88	-19.77	66.84	15.00
8 ARG CD	-41.23	-19.01	65.57	15.00
and the second s	-42.50	-19.45	65.01	15.00
8 ARG CZ	-42.96	-19.10	63.81	15.00
8 ARG NH1	-42.24	-18.30	63.03	15.00
8 ARG NH2		-19.53	63.40	15.00
8 ARG C	-42.85	-20.28	70.15	15.00
8 ARG O		-19.72	71.21	15.00
9 LYS N	-44.06	-20.77	69.88	15.00
9 LYS CA		-20.55	70.78	15.00
9 LYS CB	-46.50	-20.64	70.02	15.00
9 LYS CG	-46.63	-21.81	69.10	15.00
9 LYS CD	-47.93	-21.71	68.33	15.00
9 LYS CE	-48.22	-22.99	67.54	15.00
	-49.52	•	66.80	
	-45.22			
9 LYS O	-46.25			15.00
	-44.08			15.00
10 LYS CA	-43.97	-22.87	73.56	15.00
10 LYS CB			73.16	
10 LYS CG	-44.79			
10 LYS CD	-44.37	-26.46	72.08	15.00

10 LYS CE	-45.44	-27.16	71.27	15.00
10 LYS NZ	-45.80	-26.44	70.01	
10 LYS C	-42.90	-22.38	74.54	15.00
10 LYS O		-22.99		
11 GLY N	-42.19	-21.30	74.19	
11 GLY CA	-41.15	-20.78		
11 GLY C	-39.83	-21.52		
11 GLY O	-38.95	-21.41		
12 TYR N	-39.69	-22.25	73.79	
12 TYR CA	-38.48	-23.03		
12 TYR CB	-38.82	-24.26	72.67	15.00
12 TYR CG	-39.21	-25.54	73.39	15.00
12 TYR CD1		-25.65		
12 TYR CE1	-40.85		74.58	15.00
12 TYR CD2	-38.41		73.27	
12 TYR CE2	-38.83		73.79	
12 TYR CZ	-40.05		74.44	15.00
12 TYR OH	-40.47	12 / 12		15.00
12 TYR C		-22.25		15.00
12 TYR O	-36.33			15.00
13 VAL N	-37.85		72.19	and the second second
13 VAL CA	-36.94		71.37	15.00
13 VAL CB	-37.40		69.88	15.00
13 VAL CG1	-38.59		and the second	15.00
13 VAL CG2	-36.26	1 11 11 11 11 11	68.97	15.00
13 VAL C	-36.77		71.87	
13 VAL 0	-37.69		72.43	15.00
14 THR N	-35.55		71.69	15.00
14 THR CA	-35.15		72.11	15.00
		-17.00		15.00
14 THR OG1	1 to the transfer of the control of	-17.53	71.69	15.00
14 THR CG2	-33.64		73.91	
14 THR C	-35.21	-15.98	70.97	
14 THR O	-35.26	-16.36	69.81	15.00
15 PRO N	-35.22		71.31	15.00
15 PRO CD	-35.25	er and the second		15.00
15 PRO CA	-35.27	-13.64	70.28	15 00
15 PRO CB				
15 PRO CG		1.0	72.43	15.00
15 PRO C	-34.23		69.17	15.00
15 PRO O			69.41	15.00
16 VAL N			67.96	
16 VAL CA		-13.53	66.81	15.00

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16 VAL CB		-13.16	65.50	15.00
16 VAL CG1	-33.63	-13.60	64.31	15.00
16 VAL CG2	-35.81	-13.78	65.47	15.00
16 VAL C	-32.52	-12.61	66.97	15.00
16 VAL 0	-32.67	-11.42	67.25	15.00
17 LYS N	-31.32	-13.17	66.80	15.00
17 LYS CA	-30.09	-12.42	66.91	15.00
17 LYS CB	-29.08	-13.18	67.77	15.00
17 LYS CG	-29.01	-12.72	69.22	15.00
17 LYS CD	-30.27	-13.09	70.02	15.00
17 LYS CE	-30.18	-14.48	70.64	15.00
17 LYS NZ	-29.12	-14.54	71.68	15.00
17 LYS C	-29.49	-12.15	65.54	15.00
17 LYS O	-29.82	-12.81	64.56	15.00
18 ASN N	-28.62	-11.15	65.49	15.00
18 ASN CA	-27.91	-10.77	64.27	15.00
18 ASN CB	-28.01	-9.26	64.05	15.00
18 ASN CG	-27.09	-8.78	62.94	15.00
18 ASN OD1	-26.98	-9.42	61.89	15.00
18 ASN ND2	-26.38	-7.69	63.19	15.00
18 ASN C	-26.45	-11.16	64.43	15.00
18 ASN O	-25.79	-10.73	65.37	15.00
19 GLN N	-25.94	-11.96	63.51	15.00
19 GLN CA	-24.56	-12.40	63.60	15.00
19 GLN CB	-24.34	-13.65	62.77	15.00
19 GLN CG	-24.88	-13.58	61.37	15.00
19 GLN CD	-24.42	-14.73	60.53	15.00
19 GLN OE1	-25.17	-15.28	59.73	15.00
19 GLN NE2	-23.15	-15.09	60.68	15.00
19 GLN C	-23.52	-11.35	63.24	15.00
19 GLN 0	-22.35		63.60	15.00
20 GLY N			62.53	15.00
20 GLY CA	-23.02		62.14	15.00
20 GLY C	-22.10	-9.67	61.00	15.00
20 GLY 0	-22.51	-10.40	60.11	15.00
21 GLN N	-20.85	-9.20	61.04	15.00
21 GLN CA	-19.86			15.00
21 GLN CB	-18.92	-8.30	59.78	15.00
21 GLN CG	-19.60	-6.94	59.55	15.00
21 GLN CD	-20.68	-6.99	58.49	15.00
21 GLN OE1	-20.49	-7.53	57.41	15.00
21 GLN NE2	-21.85	-6.43	58.81	15.00
21 GLN C	-19.03	-10.74	60.38	15.00

22 CYS N					
22 CYS CA				59.74	15.00
22 CYS C			-11.42	61.44	15.00
22 CYS O		. Y'			15.00
22 CYS CB					15.00
22 CYS SG	an ann ann ag an taoig a' tha air gadh an th			61.27	15.00
22 CYS SG	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-18.63	-12.61	63.41	
23 GLY N -18.58 -14.81 60.84 15 23 GLY CA -19.15 -16.03 60.30 15 23 GLY C -19.41 -17.03 61.41 15 23 GLY O -18.90 -18.15 61.38 15 24 SER N -20.22 -16.62 62.37 15 24 SER CA -20.56 -17.43 63.53 15 24 SER CB -20.36 -16.59 64.79 15 24 SER CB -20.36 -16.59 64.79 15 24 SER CB -21.14 -15.41 64.68 15 24 SER C -21.99 -17.95 63.49 15 25 CYS N -22.55 -18.14 62.30 15 25 CYS CA -23.91 -18.65 62.20 15 25 CYS CB -24.41 -18.63 60.75 15 25 CYS CB -24.41 -18.63 60.75 15 25 CYS C -23.96 -20.05 62.82 15 25 TNH C1 -27.24 -9.28 57.72 15 25 TNH C2 -26.55 -9.60 58.90 15 25 TNH C3 -25.31 -10.22 58.84 15 25 TNH C4 -24.73 -10.54 57.61 15 25 TNH C5 -25.43 -10.21 56.44 15 25 TNH C6 -26.67 -9.59 56.49 15 25 TNH C7 -23.41 -11.26 57.54 15 25 TNH C8 -22.90 -13.56 57.08 15 25 TNH C9 -22.90 -13.56 57.08 15 25 TNH C11 -23.40 -15.62 55.77 15 25 TNH C12 -22.32 -15.20 54.77 15 25 TNH C13 -22.79 -14.65 53.42 15 25 TNH C14 -21.66 -14.80 52.41 15 25 TNH C15 -22.32 -15.20 54.77 15 25 TNH C16 -23.13 -17.06 56.23 15 25 TNH C16 -23.13 -17.06 56.23 15 25 TNH C16 -23.79 -17.98 55.74 15 25 TNH C16 -23.79 -17.98 55.74 15 25 TNH C16 -23.79 -17.98 55.74 15 25 TNH C19 -21.81 -18.63 57.60 15		-17.84	-14.05	64.16	
23 GLY CA			-14.81	60.84	
23 GLY C -19.41 -17.03 61.41 15 23 GLY O -18.90 -18.15 61.38 15 24 SER N -20.22 -16.62 62.37 15 24 SER CA -20.56 -17.43 63.53 15 24 SER CB -20.36 -16.59 64.79 15 24 SER CB -20.36 -16.59 64.79 15 24 SER CG -21.14 -15.41 64.68 15 24 SER C -21.99 -17.95 63.49 15 25 CYS N -22.55 -18.14 62.30 15 25 CYS CA -23.91 -18.65 62.20 15 25 CYS CB -24.41 -18.63 60.75 15 25 CYS CB -24.41 -18.63 60.75 15 25 CYS C -23.96 -20.05 62.82 15 25 INH C1 -27.24 -9.28 57.72 15 25 INH C2 -26.55 -9.60 58.90 15 25 INH C3 -25.31 -10.22 58.84 15 25 INH C4 -24.73 -10.54 57.61 15 25 INH C5 -25.43 -10.21 56.44 15 25 INH C6 -26.67 -9.59 56.49 15 25 INH C7 -23.41 -11.26 57.54 15 25 INH C9 -22.90 -13.56 57.08 15 25 INH C1 -23.40 -15.62 55.77 15 25 INH C1 -23.79 -14.65 53.42 15 25 INH C1 -23.79 -14.65 53.42 15 25 INH C1 -23.79 -17.98 55.74 15 25 INH C16 -23.13 -17.06 56.23 15 25 INH N18 -22.17 -17.29 57.12 15.1		-19.15	-16.03	60.30	15.00
23 GLY 0	and the first of the second second	-19.41	-17.03	61.41	15.00
24 SER N		-18.90	-18.15	61.38	
24 SER CA	The second of th	-20.22	-16.62	62.37	15.00
24 SER CB	- 1 /4 1 1 1 1/1 1 5 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-20.56	-17.43		15.00
24 SER OG	and the second of the second o	-20.36	-16.59		15.00
24 SER C	and the second of the second o	-21.14	-15.41		15.00
24 SER 0		-21.99	-17.95		15.00
25 CYS N		-22.60			15.00
25 CYS CA		-22.55	-18.14	• •	15.00
25 CYS CB		-23.91	-18.65		15.00
25 CYS SG	25 CYS CB	-24.41	-18.63		15.00
25 CYS C	25 CYS SG	-23.48	-19.60		15.00
25 CYS O	25 CYS C	-23.96	-20.05		15.00
25 INH C1					
25 INH C2	25 INH C1	-27.24	-9.28		15.00
25 INH C3		-26.55	-9.60		15.00
25 INH C4	25 INH C3	-25.31	-10.22		
25 INH C5	25 INH C4	-24.73	-10.54		15.00
25 INH C6		-25.43	-10.21	56.44	15.00
25 INH C7		-26.67	-9.59		
25 INH 08 -23.43 -12.63 57.98 15. 25 INH C9 -22.90 -13.56 57.08 15. 25 INH 010 -21.75 -13.43 56.65 15. 25 INH C11 -23.40 -15.62 55.77 15. 25 INH C12 -22.32 -15.20 54.77 15. 25 INH C13 -22.79 -14.65 53.42 15. 25 INH C14 -21.66 -14.80 52.41 15. 25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH 017 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15. 25 INH C19 -21.81 -18.63 57.60 15.		-23.41	-11.26		15.00
25 INH C9				57.98	15.00
25 INH 010 -21.75 -13.43 56.65 15. 25 INH C11 -23.40 -15.62 55.77 15. 25 INH C12 -22.32 -15.20 54.77 15. 25 INH C13 -22.79 -14.65 53.42 15. 25 INH C14 -21.66 -14.80 52.41 15. 25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH 017 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15. 25 INH C19 -21.81 -18.63 57.60 15.	25 INH C9	-22.90	-13.56	57 08	15 00
25 INH C11	25 INH 010	-21.75	-13.43	56.65	15.00
25 INH C12 -22.32 -15.20 54.77 15. 25 INH C13 -22.79 -14.65 53.42 15. 25 INH C14 -21.66 -14.80 52.41 15. 25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH O17 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15.0 25 INH C19 -21.81 -18.63 57.60 15.0	52 TNH CIT	-23.40	-15.62	55.77	15.00
25 INH C13 -22.79 -14.65 53.42 15. 25 INH C14 -21.66 -14.80 52.41 15. 25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH O17 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15. 25 INH C19 -21.81 -18.63 57.60 15.	25 INH C12	-22.32	-15.20	54.77	15.00
25 INH C14 -21.66 -14.80 52.41 15. 25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH O17 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15.4 25 INH C19 -21.81 -18.63 57.60 15.6	25 INH C13	-22.79	-14.65	53.42	15.00
25 INH C15 -24.07 -15.33 52.91 15. 25 INH C16 -23.13 -17.06 56.23 15. 25 INH O17 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15. 25 INH C19 -21.81 -18.63 57.60 15.	25 INH C14	-21.66	-14.80	52.41	15.00
25 INH C16 -23.13 -17.06 56.23 15. 25 INH O17 -23.79 -17.98 55.74 15. 25 INH N18 -22.17 -17.29 57.12 15. 25 INH C19 -21.81 -18.63 57.60 15.	72 TMH CT2	-24.07	-15.33	52.91	15.00
25 INH O17 -23.79 -17.98 55.74 15.0 25 INH N18 -22.17 -17.29 57.12 15.0 25 INH C19 -21.81 -18.63 57.60 15.0	25 INH C16	-23.13	-17.06	56.23	15.00
25 INH N18 -22.17 -17.29 57.12 15.0 25 INH C19 -21.81 -18.63 57.60 15.0	25 INH 017	-23.79	-17.98	55.74	15.00
25 INH C19 -21.81 -18.63 57.60 15.0		-22.17 -	-17.29	57.12	15.00
25 TNH N20 _22 72 4 FF		-21.81 -	-18.63	57.60	15.00
25 INH N20 -23.72 -14.55 56.73 15.0	25 INH N20	-23.72 -	-14.55	56.73	15.00

25 INH C21			59.10	15.00
25 INH 022	177.7			
25 INH C23	-19.42	-29.07	54.27	
25 INH C24		-28.05	54.90	15.00
25 INH C25	-19.45	-26.88		15.00
25 INH C26	-18.09	-26.70	54.93	15.00
25 INH C27	-17.41	-27.74	54.30	15.00
25 INH C28		-28.92	53.96	15.00
25 INH C29	-17.39	-25.41	55.26	15.00
25 INH 030	-18.05	-24.15	55.06	15.00
25 INH C31	-19.20	-23.80	55.81	15.00
25 INH 032	-20.33	-23.84	55.32	15.00
25 INH C33	-20.15	-23.05	57.92	15.00
25 INH C34	-20.47	-24.13	58.95	15.00
25 INH C35	-21.49	-25.18		15.00
25 INH C36	-22.36	-24.69	57.40	15.00
25 INH C37	-20.73	-26.42	58.16	15.00
25 INH C38	-19.89	-21.74	58.63	15.00
25 INH 039	-18.75	-21.39	58.90	15.00
25 INH N40	-20.97	-21.01	58.95	15.00
25 INH C41	-20.91	-19.72	59.64	15.00
25 INH N42	-19.01	-23.44	57.08	15.00
26 TRP N	-22.84	-20.77	62.76	15.00
26 TRP CA	-22.76	-22.11	63.33	15.00
26 TRP CB		-22.81	62.88	15.00
26 TRP CG	-20.24	-22.16	63.40	15.00
26 TRP CD2	-19.56	-22.46	64.62	15.00
26 TRP CE2	-18.51	-21.53	64.75	15.00
26 TRP CE3	-19.74	-23.42	65.63	15.00
26 TRP CD1	-19.59	-21.11	62.84	15.00
26 TRP NE1			63.65	15.00
26 TRP CZ2	-17.64	-21.52	65.85	15.00
26 TRP CZ3	-18.88	-23.42	66.72	15.00
26 TRP CH2	-17.84	-22.47	66.82	15.00
26 TRP C	-22.82	-22.02	64.87	15.00
ZO IKP O	-23.31	-22.93	65.53	15.00
27 ALA N	-22.34	-20.92	65.44	15.00
27 ALA CA	-22.36	-20.73	66.89	15.00
27 ALA CB	-21.43	-19.61	67.30	15.00
27 ALA C	-23.79	-20.43	67.32	15.00
27 ALA O	-24.29	-21.00	68.29	15.00
28 PHE N	-24.48	-19.57	66.58	15.00
28 PHE CA	-25.85 -	-19.25	66.92	15.00

	• •			
28 PHE CB	-26.38	-18.14	66.01	15.00
28 PHE CG	-25.87	-16.78	66.39	
28 PHE CD1	-24.63	-16.33	65.94	
28 PHE CD2	-26.61	-15.96	67.22	15.00
28 PHE CE1	-24.14	-15.10	66.33	
28 PHE CE2	-26.11	-14.72	67.62	
28 PHE CZ	-24.88	-14.29	67.17	15.00
28 PHE C	-26.73	-20.49	66.83	15.00
28 PHE O	-27.48	-20.80	67.75	15.00
29 SER N	-26.60	-21.24	65.74	15.00
29 SER CA	-27.36	-22.46	65.54	15.00
29 SER CB	-26.91	-23.14	64.25	15.00
29 SER OG	-27.55	-24.39	64.08	15.00
29 SER C	-27.17	-23.43	66.70	15.00
29 SER 0	-28.14	-23.89	67.30	15.00
30 SER N	-25.91	-23.75	67.01	15.00
30 SER CA	-25.57	-24.67	68.09	15.00
30 SER CB	-24.06	-24.68	68.33	15.00
30 SER OG	-23.33	-25.06	67.19	15.00
30 SER C	-26.28	-24.24	69.38	15.00
30 SER O	-27.01	-25.02	70.01	15.00
31 VAL N	-26.09	-22.97	69.73	15.00
31 VAL CA	-26.67	-22.39	70.93	15.00
31 VAL CB	-26.13	-20.95	71.14	15.00
31 VAL CG1	-27.14	-20.07	71.79	15.00
31 VAL CG2	-24.87	-20.99	71.99	15.00
31 VAL C	-28.21	-22.46	70.89	15.00
31 VAL 0	-28.86	-22.68	71.92	15.00
32 GLY N	-28.79	-22.36	69.70	15.00
32 GLY CA	-30.23	-22.42	69.58	15.00
32 GLY C	-30.77	-23.77	69.99	15.00
32 GLY 0	-31.84	-23.88	70.58	15.00
33 ALA N	-30.04	-24.83	69.66	15.00
33 MIN CM	-30.46	-26.18	70.01	15.00
33 ALA CB	-29.67	-27.20	69.23	15.00
	-30.27	-26.36	71.50	15.00
33 ALA O 34 LEU N	-31.10	-26.99	72.17	15.00
34 LEU CA	-29.20	-25.80	72.04	
	-28.91	-25.88		15.00
	-27.55	-25.25	73.77	15.00
	-26.35	-26.14	73.47	15.00
	-25.07			
LLU: CLZ	-26.34	-21.30	74.42	15.00

34 LEU C	-30.00	-25.20	74.29	15.00
34 LEU O		-25.66		
35 GLU N	-30.56	-24.10	73.78	
35 GLU CA	-31.61	-23.39	74.49	
35 GLU CB	-31.82	-22.00	73.88	
35 GLU CG	-30.62	-21.08		
35 GLU CD	-30.60	-19.92	73.08	
35 GLU OE1	-31.49	-19.83	72.21	15.00
35 GLU OE2	-29.66	-19.10	73.17	15.00
35 GLU C	-32.91	-24.18	74.47	15.00
35 GLU 0	-33.62	-24.26	75.47	15.00
36 GLY N	-33.21	-24.80	73.33	
36 GLY CA	-34.43	-25.58	73.22	15.00
36 GLY C	-34.49	-26.72	74.22	15.00
36 GLY 0	-35.52	-26.94	74.86	15.00
37 GLN N	-33.38	-27.43	74.36	15.00
37 GLN CA	-33.27	-28.55	75.29	15.00
37 GLN CB	-31.99	-29.34	75.02	15.00
37 GLN CG	-32.04	-30.08		15.00
37 GLN CD	-33.27	-30.95	73.58	15.00
37 GLN OE1	-33.55	-31.77	74.45	15.00
37 GLN NE2	-34.04	-30.77	72.52	15.00
37 GLN C	-33.31	-28.07	76.74	15.00
37 GLN O	-33.94	-28.69	77.60	15.00
38 LEU N	-32.66	-26.94	77.00	15.00
38 LEU CA	-32.66	-26.34	78.34	15.00
38 LEU CB	-31.99	-24.97	78.30	15.00
38 LEU CG	-31.70	-24.28	79.63	15.00
38 LEU CD1		-25.02	80.35	15.00
38 LEU CD2	-31.32	-22.84	79.40	15.00
38 TEA C	**************************************	-26.19	78.79	15.00
38 LEU O	-34.52	-26.71	79.82	15.00
39 LYS N				
39 LYS CA	-36.31	-25.29	78.27	15.00
39 LYS CB	-36.98	-24.53	77.12	15.00
39 LYS CG	-38.48	-24.37	77.25	15.00
39 LYS CD	-38.89			
39 LYS CE	-40.38	-23.44	78.51	15.00
39 LYS NZ	-40.84	-22.84	79.78	15.00
39 LYS C	-37.01			
39 LYS O	-37.78	-26.76	79.44	15.00
40 LYS N	-36.70	-27.62	77.68	15.00
40 LYS CA	-37.32	-28.93	77.83	15.00

40 LYS	CB -3	6.78	-29.89	76.76	15.00
40 LYS	CG -3	7.56	-31.18	76.57	15.00
40 LYS	CD -3	6.89	-32.09	75.54	15.00
40 LYS	CE -3			75.24	
40 LYS			-32.97	74.63	15.00
40 LYS	C -3	7.07	-29.52	79.22	15.00
40 LYS	O -3	8.00	-29.92	79.93	15.00
41 LYS	N -3	5.80	-29.51	79.64	15.00
41 LYS	CA -3	5.41	-30.07	80.92	15.00
41 LYS	CB -3	3.92	-30.40	80.91	15.00
41 LYS	CG -3	3.48	-31.19	79.67	15.00
41 LYS	CD -3	4.36	-32.41	79.42	15.00
41 LYS	CE -3	4.05 -	-33.08	78.08	15.00
41 LYS	NZ -3	4.99 -	-34.21	77.78	15.00
41 LYS	ເ⊹່∴_3	5.76 -	-29.21	82.13	15.00
41 LYS (			\$1000 NO. 100000 NO. 10 NO. 10	82.96	15.00
42 THR 1	v -3	5.17 -	-28.02	82.25	15.00
42 THR (	ZA -3	5.41 -	27.14	83.39	15.00
42 THR (	CB -3	4.27 -	26.12	83.52	15.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	)G1 -3	4.29 -	25.25	82.38	15.00
42 THR (	CG2 -3:	2.94 -	26.82	83.57	15.00
42 THR	ingelo de la local di Partico		26.37	83.39	15.00
42 THR (	-3	7.10 -	25.79	84.41	15.00
43 GLY 1	1 - 3′	7.40 -	26.33	82.25	15.00
43 GLY C	9 to 1 to 1 to 1 1 1 1 1 1 1 1 1 1 1 1 1	Ø 1.1111 A.Z.I. 400 O	25.60	82.15	15.00
43 GLY C		3.47 -	24.08	82.03	15.00
43 GLY C		3.43 -	23.33	81.98	15.00
44 LYS N			23.57	82.01	15.00
44 LYS C		7.05 -	22.13	81.89	15.00
44 LYS C		5.55 -		83.20	15.00
44 LYS C	Particulated and Control	'. <b>4</b> 9 -		84.38	
44 LYS C	D -36	5.91 ~ -	20.99	85.61	15.00
44 LYS C	E -35	.68 -	21.70	86.11	15.00
44 Lys n	IZ -36	.03 -	23.03	86.65	15.00
44 LYS C	-36	.05 -	21.83	80.80	15.00
44 LYS O	-35	.00 -	22.48	80.70	15.00
15 LEU N	-36	. 39 -	20.84	79.97	15.00
15 LEU C	A -35	. 55	20.41	78.86	15.00
15 LEU C	B -36	.43 -	19.88	77.73	15.00
15 LEU C	G -35	.82 -	19.71	76.33	15.00
15 LEU C	D1 -35	.62 -	21.08	75.69	15.00
is LEU C	D2 -36	.74 -	18.87	75.48	15.00
12 LEU C	-34	.58 -	19.34	79.32	15.00

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	377 a.M. 18 . V. J	Carrier Carrier		
45 LEU O	-34.92	-18.47	80.13	15.00
46 LEU N		-19.39		15.00
46 LEU CA	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-18.44		15.00
46 LEU CB		-19.02	80.28	15.00
46 LEU CG		-18.14	81.17	15.00
46 LEU CD1	. 20 - 94396949 HTCL) v	-17.96		15.00
46 LEU CD2	1100 (No. 40% May 1 - 2000) (No. 110)	-16.81	81.44	15.00
46 LEU C			77.86	15.00
46 LEU O		-19.15		15.00
47 ASN N		-17.08	77.67	15.00
47 ASN CA	-30.14		76.47	15.00
47 ASN CB	-30.22	-15.35	76.06	15.00
47 ASN CG	-31.33	-15.09	75.06	15.00
47 ASN OD1	-32.44	-14.74	75.43	15.00
47 ASN ND2	-31.04	-15.28	73.78	15.00
47 ASN C	-28.69	-17.26	76.64	15.00
47 ASN O	-27.98	-16.75	77.50	15.00
48 LEU N	-28.27	-18.21		15.00
48 LEU CA	-26.92	-18.73	75.89	15.00
48 LEU CB	-26.89	-20.21	75.51	15.00
48 LEU CG	-27.53	-21.15	76.55	15.00
48 LEU CD1	-27.34	-22.60	76.17	15.00
48 LEU CD2	-26.88	-20.92	77.88	15.00
48 LEU C	-25.93	-17.89	75.07	15.00
48 LEU 0	-26.32	-17.11	74.20	15.00
49 SER N	-24.64	-18.08	75.35	15.00
49 SER CA	-23.56	-17.34		15.00
49 SER CB	-22.47	-17.07	75.75	15.00
49 SER OG	-21.31	-16.50	75.18	15.00
49 SER C	-22.92	-17.91	73.43	15.00
49 SER O	-22.16	-18.88	73.48	15.00
50 PRO N	-23.22	-17.30	72.26	15.00
50 PRO CD	-24.28	-16.31	72.02	15.00
50 PRO CA	-22.65	-17.75	70.98	15.00
50 PRO CB	-23.42	-16.92	69.95	15.00
50 PRO CG	-24.70	-16.64		15.00
50 PRO C	-21.16	4	70.95	15.00
50 PRO O	-20.34 -		70.35	15.00
51 GLN N	-20.81 -			15.00
51 GLN CA	-19.43 -	-15.80	71.65	15.00
51 GLN CB	-19.35 -			15.00
51 GIM CG	-17.95 -	13.79	72.39	15.00
51 GLN CD	-17.46 -	13.23	71.05	15.00
				<del>.</del>

51 GLN 0E1	-18.21	-12.62	70.30	15.00
51 GLN NE2		-13.42		
51 GLN C	-18.58	-16.83		15.00
51 GLN 0	-17.46	-17.15	71.96	
52 ASN N	-19.13	-17.42		
52 ASN CA		-18.42		
52 ASN CB	-19.31	-18.96	75.35	
52 ASN CG	-18.59	-19.90	76.31	1 1 1 1 1 1 1 1 1
52 ASN OD1	-19.23		77.07	
52 ASN ND2	-17.27	-19.89	76.28	15.00
52 ASN C	-17.91	-19.55		15.00
52 ASN 0	-16.84	A 200 2 . 3 Y 10 / .	73.59	15.00
53 LEU N	-18.67	-19.86	72.31	15.00
53 LEU CA			71.35	15.00
53 LEU CB	-19.58			
53 LEU CG	-20.63		71.42	344
53 LEU CD1		-22.44	70.55	15.00
53 LEU CD2		-23.36		15.00
53 LEU C	-17.31	-20.42	70.34	15.00
53 LEU O	-16.37	-21.13	69.99	15.00
54 VAL N	-17.52	-19.19	69.87	15.00
54 VAL CA			68.87	
54 VAL CB			68.56	15.00
54 VAL CG1			67.59	15.00
54 VAL CG2	-18.57	-17.20	68.00	15.00
54 VAL C	-15.20	-18.52	69.30	15.00
54 VAL O	-14.31	-18.88		
55 ASP N		-18.09		
55 ASP CA	250 25	-17.98		
55 ASP CB	-13.58	-16.93		
55 ASP CG	-14.14	-15.59	71.76	15.00
55 ASP OD1 55 ASP OD2	-14.26	-15.33	70.55	15.00
55 ASP OD2	-14.45	-14.78	72.67	15.00
DO ASP C	-13.02	-19.26	71.65	15.00
55 ASP O	-11 80	-10 30	71 77	15 00
56 CYS N	-13.86	-20.19	72.09	15.00
	22.20	21.41	12.13	15.00
56 CYS C	-13.29	-22.71	71.94	15.00
56 CYS O 56 CYS CB	-12.43	-23.55	72.20	15.00
56 CYS CB	-14.10	-21.61	74.04	15.00
56 CYS SG	-14.21	-20.10	75.06	15.00
57 VAL N	-14.17	-22.93	70.96	15.00
7 VAL CA	-14.13	-24.17	70.18	15.00

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	and the second	: A :	. i w	
57 VAL CB	-15.44		69.39	15.00
57 VAL CG1	• •			
57 VAL CG2	-16.63		70.30	
57 VAL C	-12.97		69.19	15.00
57 VAL O	-13.17		68.02	15.00
58 SER N	-11.76		69.66	15.00
58 SER CA	-10.57	-24.35	68.82	15.00
58 SER CB	-9.34	-24.73	69.63	15.00
58 SER OG	-9.44	-26.08		15.00
58 SER C	-10.65	-25.25	67.61	15.00
58 SER O	-9.90	-25.09	66.65	15.00
59 GLU N	-11.53	-26.25		15.00
59 GLU CA	-11.69		66.53	15.00
59 GLU CB	-12.57	-28.35		15.00
59 GLU CG	-12.00	-29.23	68.00	15.00
59 GLU CD	-11.98	-28.56	69.36	15.00
59 GLU OE1	-13.00	-27.95	69.73	15.00
59 GLU OE2	-10.95	-28.66	70.06	15.00
59 GLU C	-12.30	-26.41	65.35	15.00
59 GLU 0	-12.28	-26.89	64.22	15.00
60 ASN N	-12.89	-25.26	65.63	15.00
60 ASN CA		-24.45	64.61	15.00
60 ASN CB	-14.95	-24.06	65.03	15.00
60 ASN CG	-15.92	-25.21	64.90	15.00
60 ASN OD1	-17.09	-25.08	65.23	15.00
60 ASN ND2	-15.45	-26.34	64.38	15.00
60 ASN C	-12.71	-23.22	64.26	15.00
60 ASN O	-11.73	-22.92	64.93	15.00
61 ASP N	-13.13	-22.50	63.23	15.00
61 ASP CA	-12.41	-21.34	62.75	15.00
61 ASP CB	-12.53	-21.28	61.22	15.00
61 ASP CG	-11.20	-21.01	60.53	
61 ASP OD1	-10.34	-20.32	61.12	15.00
61 ASP OD2	-11.03	-21.49	59.40	15.00
61 ASP C			63.35	15.00
61 ASP O		-18.95	62.99	15.00
62 GLY N	-13.75		64.28	
62 GLY CA	-14.17		64.87	
62 GLY C	-15.12			
62 GLY O	-16.13		63.51	15.00
63 CYS N	-14.80		63.48	
63 CYS CA	-15.65	×	62.52	A 10 1 1 1 1
63 CYS C	-15.45		61.12	15.00

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63 CYS O	-16.10	-16.16	60.18	15.00
63 CYS CB	-15.34	-14.59		
63 CYS SG	-15.84	-13.72		
64 GLY N	-14.52	-17.56	60.95	100 A 100 A 100 A
64 GLY CA	-14.26	-18.14	59.65	
64 GLY C	-15.17	-19.33	59.40	
64 GLY O	-15.50	-19.67	58.26	
65 GLY N	-15.60	-19.99	60.48	
65 GLY CA	-16.47	-21.14	60.33	
65 GLY C	-16.39	-22.20		
65 GLY O	-15.56	-22.15	62.31	and the second of the second
66 GLY N	-17.28	-23.18		15.00
66 GLY CA	-17.31	-24.25	62.27	15.00
66 GLY C	-18.50	-25.16	62.14	15.00
66 GLY O	-19.48	-24.83		15.00
67 TYR N	-18.43	-26.32	62.78	
67 TYR CA	-19.51	-27.30		
67 TYR CB	-18.97	-28.70	62.45	
67 TYR CG	-18.28	-28.86	61.12	
67 TYR CD1	-19.02	-29.00	59.94	
67 TYR CE1	-18.40		58.72	
67 TYR CD2	-16.90	-28.94	61.04	15.00
67 TYR CE2	-16.26	-29.16	59.82	
67 TYR CZ	-17.02	-29.31	58.67	15.00
67 TYR OH	-16.39	-29.51	57.46	15.00
67 TYR C	-20.17	-27.29		15.00
67 TYR O		-27.14		15.00
68 MET N	-21.48	-27.47		15.00
68 MET CA	-22.26	-27.48	65.36	15.00
68 MET CB	-23.76	-27.60	65.07	15.00
68 MET CG	-24.38	-26.42	194 N. A. 194 P. A. 194	15.00
68 MET SD	-23.94	-26.32	62.55	15.00
68 MET CE	-25.16	-27.35	61.83	15.00
68 MET C	-21.81	-28.62	66.27	15.00
68 MET O	-21.63	-28.43	67.47	15.00
69 THR N	-21.58	-29.79	65.68	15.00
69 THR CA	-21.15 -20.90	-30.96	66.43	15.00
69 THR CB	-20.30	-34.18	65.50	15.00
69 THR OG1	-20.04	-31.81	64.42	15.00
69 THR CG2	-22.21	-32.71	64.94	15.00
69 THR C	-19.90	-30:65	67.25	15.00
69 THR O	-19.80	-31.06	68.41	15.00
70 ASN N	-18.98			

		imily tokawa viliz		
70 ASN CA	-17.74	-29.49	67.37	15.00
70 ASN CB	-16.79	-28.76	66.42	15.00
70 ASN CG	the second secon	-29.71	65.50	
70 ASN OD1	-14.84	-29.64		
70 ASN ND2	-16.78			
70 ASN C		-28.62		
70 ASN O	-17.32	-28.74		
71 ALA N	-19.03	1. A. G. M. D. March, Phys. Lett. 5, 121 (1997).	68.48	
71 ALA CA	-19.43			15.00
71 ALA CB	-20.37	-25.81	69 04	15.00
71 ALA C	-20.12	-27.68	70.67	
71 ALA 0	-20.03		71.84	
72 PHE N		-28.72	70.28	1,11,11,11,12,12
72 PHE CA	-21.54	-29.59	71 22	art following tradeau i t
72 PHE CB	-22.36	-30.65	70 47	
72 PHE CG	-23.54	-30.03	69.74	
72 PHE CD1		-29.06	70.24	15.00
72 PHE CD2	-23.91		17. a. K. 12711 1 . 14	
72 PHE CE1	-25.36		68.53	15.00
72 PHE CE2	-25.00		69.55	
72 PHE CZ	-25.72	1. A 1. 11 March 11.		15.00
72 PHE C		-30.29		15.00
	-20.43		72.05	15.00
73 GLN N	-19.58		73.28	15.00
73 GLN CA	-18.47	_31.71	71.34	15.00
73 GLN CB	-17.53		71.92	15.00
73 GLN CG	-16.60		70.78	
	-17.31	-34.63		15.00
73 GLN 0E1	-17.80		71.03	15.00
73 GLN NE2		-35.25	72.06	15.00
73 GLN C	-17.74		69.85	15.00
73 GLN 0	-17 27	_31 36	72.93	15.00
74 TYR N	-17.27 -17.66	-31.20 -20 51	73.97	15.00
74 TYR CA	-17 00	747.31 20052	12.63	15.00
74 TYR CB	-17.00 -16.75	-20.3/ -27.31	73.51	15.00
74 TYR CG	-16.75 -16.41	-26 00	72.81	15.00
	-16.41 -15.10	-26.U8 -26.A5	15.77	15.00
74 TYR CE1	-15.19 -14.91	75.05	74.43	15.00
	-14.91 -17.34	-23.U6	/5.37	15.00
74 TYR CD2 74 TYR CE2	-17 07	-25.09	/4.06	15.00
	-17.07 -15.86	-24.10	/5.00	15.00
	-15.86 -15.60	-24.09	75.66	15.00
74 TYR C	-15.60 -	-23.15	76.63	15.00
A TIVE	-17.75	-28.36	74.82	15.00

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74 TYR 0	-17.14	-28.37	75.89	15.00
75 VAL N	-19.07	-28.16	74.78	15.00
75 VAL CA	-19.85	-27.94	76.02	15.00
75 VAL CB	-21.30	-27.45	75.73	15.00
75 VAL CG1	-22.06	-27.23	77.04	15.00
75 VAL CG2	-21.27	-26.15	74.92	15.00
75 VAL C	-19.87	-29.20	76.91	15.00
75 VAL 0	-20.07	-29.13	78.12	The state of the s
76 GLN N	-19.65	-30.35	76.29	15.00
76 GLN CA	-19.62	-31.60	77.01	15.00
76 GLN CB	-19.93	-32.73	76.04	15.00
76 GLN CG	-20.02	-34.11	76.67	15.00
76 GLN CD	-19.74	-35.20	75.68	15.00
76 GLN OE1	-20.14	-35.11	74.52	15.00
76 GLN NE2	-19.01	-36.22	76.11	15.00
76 GLN C	-18.25	-31.81	77.66	15.00
76 GLN 0	-18.14	-32.17	78.85	15.00
77 LYS N	-17.18	-31.59	76.89	15.00
77 LYS CA	-15.82	-31.78	77.39	
77 LYS CB	-14.83	-31.98	76.24	15.00
77 LYS CG	-14.56	-30.75	75.41	15.00
77 LYS CD	-13.69	-31.09	74.19	15.00
77 LYS CE	-14.41	-32.05	73.24	15.00
77 LYS NZ	-13.62	-32.45	72.02	15.00
77 LYS C	-15.34	-30.65	78.29	15.00
77 LYS 0	-14.37	-30.81	79.01	15.00
78 ASN N	-15.97	-29.49	78.22	15.00
78 ASN CA	-15.60	-28.37	79.07	15.00
78 ASN CB	-15.58	-27.07	78.27	15.00
78 ASN CG	-15.38	-25.85	79.16	15.00
78 ASN OD1	-14.28	-25.58	79.64	15.00
78 ASN ND2	-16.45	-25.11	79.37	15.00
78 ASN C	-16.62	-28.28	80.20	15.00
78 ASN O	-16.36	-27.67	81.23	15.00
79 ARG N	-17.77	-28 91	79 97	15 00
/9 ARG CA	-18.89	-28.98	80.92	15 00
79 ARG CB	-18.58	-29.92	82.11	15.00
19 ARG CG	-17.47	-29.49	83.06	15.00
79 ARG CD	-16.62	-30.66	83.51	15.00
13 MKG ME	-1/.44	-31.76	84.00	15.00
79 ARG CZ	-17.90	-32.75	83 23	15 00
79 ARG NH1	-17.60 ·	-32.77	81.93	15.00
79 ARG NH2	-18.73	-33.66	83.74	15.00
			OV:	

			ш	
79 ARG C		-27.65		15.00
79 ARG O		-27.31	82.57	
80 GLY N	-20.00			
80 GLY CA	-20.58	-25.63	80.75	
80 GLY C	-20.41	-24.62		
80 GLY O	-19.39	-24.61		100 10 10 10 10 11 11 11 11 11 11 11 11
81 ILE N	-21.44	-23.82	<ul> <li>A. Marian Association for</li> </ul>	15.00
81 ILE CA	-21.45	-22.77		
81 ILE CB	-22.27	-23.14		
81 ILE CG2	-23.71			15.00
81 ILE CG1	-22.18	-22.01		15.00
81 ILE CD1	-22.74	-22.34		15.00
81 ILE C	-22.09		G	
81 ILE 0	-23.08			15.00
82 ASP N	-21.48	Article Control of the Control of th	79.06	15.00
82 ASP CA		, · · · · · · · · · · · · · · · · · · ·	79.72	15.00
82 ASP CB	-20.95		79.68	Out 27 - 5 2 - 5 - 6 - 6
82 ASP CG	-19.75	5000 1000	80.56	15.00
82 ASP OD1		-17.89	80.20	15.00
82 ASP OD2	-19.89			15.00
82 ASP C	and the first terms of the second of	-18.70	79.09	15.00
82 ASP 0	-23.67	-19.11	78.01	15.00
83 SER N		-17.78		15.00
83 SER CA	-25.12		79.30	
83 SER CB	-26.03	-16.79	80.46	
83 SER OG	-25.32		81.44	15.00
83 SER C		-15.90	78.58	J. 1996/2017 (1996)
83 SER 0	-23.49	-15.51	78.67	15.00
84 GLU N	-25.57	べいさく とび ようしょう	77.87	15.00
84 GLU CA	-25.22	-14.02		2.6
84 GLU CB	-26.40	-13.50	77.16 76.35	83. 31.6 to 5.1
	-26.09	-12 30	75.46	15.00
84 GLU CD	-25.06	-12 5g	74 25	15.00
84 GLU OE1	-25.03	-13 60	72 70	15.00
84 GLU OE2	-24 28	-11 66	74.06	15.00
84 GLU C	-24.70	-12 05	74.06	15.00
	-23.64	_12.95		
			<ul> <li>4 (2)</li> <li>5 (2)</li> </ul>	15.00
	-24.95	1.41	79.23	
85 ASP CB	-25 99	-11.4C	80.20	15.00
85 ASP CG	-25.99 -25.59			
85 ASP OD1	-26 24	-10.32	82.30	
85 ASP OD2	-24 66	-10.19	83.38	15.00
	-24.66	77.04	82.02	15.00

11.	医二氏线管囊管 化氯化二氯化物	4 (11)			19
	85 ASP C	-23.63	-12.15	80.82	15.00
A - 1	85 ASP 0		-11.34	81.34	
\$1.00 m	86 ALA N	5 5 6 6 6 6 6 6 6 6	-13.44	The Art Control	15.00
 	86 ALA CA	and the second of the second	-13.91		15.00
	86 ALA CB		-15.30		15.00
	86 ALA C		-13.85	T 5 5 15 81 4 4 5 5	
gi i	86 ALA O		-13.84		
1	87 TYR N		-13.82	79.05	
	87 TYR CA		-13.77	78.03	
	87 TYR CB				
Y. Name	87 TYR CG	A CONTRACTOR OF THE SECOND		Maria di Kabupatèn K	
	87 TYR CD1			77.13	
	87 TYR CE1	The state of the s	No. 101 11 200 1 10	76.13	
	87 TYR CD2	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-14.70	11 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	
	erna Julius Alemania (direktivi talah bilan 192	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	-16.43	77.48	15.00
	87 TYR CE2		-16.64	医毛生硷 经收帐 化邻	15.00
i n	87 TYR CZ		$x^{*} + y^{*} = 0.0$ (which $0.0$ (92) $4.0$	75.88	
	87 TYR OH		-16.03	Shift a list of the	15.00
Ž.	87 TYR C	-20.73		76.75	
V	87 TYR O	and the second of the second o	-13.88	75.76	15.00
	88 PRO N	-20.99	1 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	76.74	15.00
	88 PRO CD		e e en 196 de 1965, la como	77.87	15.00
	88 PRO CA		-11.12	75.60	15.00
	88 PRO CB	3 × 5 × 6 × 6 × 6 × 6	こうこけんけい かんしょく テート	76.07	15.00
	88 PRO CG			77.54	15.00
<i>}</i> .	88 PRO C		-11.29	74.24	15.00
	88 PRO O		-11.56	74.13	15.00
	89 TYR N		-11.10	73.21	15.00
	89 TYR CA	-21.30	-11.23	71.83	15.00
	89 TYR CB	-22.51	-11.59	70.96	15.00
	89 TYR CG	-22.16	-12.03	69.56	15.00
	89 TYR CD1	-21.27		69.35	15.00
W.	89 TYR CE1	-20.90	-13.46	68.07	15.00
	89 TYR CD2	-22.67	-11.37	68.45	15.00
	89 TYR CE2	-22.31	-11.74	67.17	15.00
	89 TYR CZ	-21.42	-12.78	66.98	15.00
	89 TYR OH	-21.02	-13.12	65.72	15.00
	89 TYR C	-20.67	-9.90	71.38	15.00
;	89 TYR O	-21.33	-8.86	71.36	15.00
	90 VAL N	-19.38	-9.93	71.05	15.00
٠.	90 VAL CA	-18.66	-8:73	70 61	15 00
. ,	90 VAL CB	-17.25	-8.65	71.22	15.00
	90 VAL CG1	-17.32	-8.67	72.73	15.00
	90 VAL CG2	-16.37	-9.78	70.68	15.00

		INDLE		
90 VAL C	-18.54	-8.62	69.11	15.00
90 VAL O		-7.75	68.61	15.00
91 GLY N	-19.14		68.39	
91 GLY CA	-19.10	-9.49		
91 GLY C	-17.76			
91 GLY O	-17.52	-9.39	65.15	
92 GLN N		-10.44		
92 GLN CA		-10.77	66.50	
92 GLN CB	-14.74	-9.51	66.31	15.00
92 GLN CG	-14.49	-8.76	67.60	
92 GLN CD	-13.93	-7.40	67.35	15.00
92 GLN OE1	-12.83	-7.06	67.80	15.00
92 GLN NE2			66.60	
92 GLN C	-14.81	-11.73	67.41	15.00
92 GLN 0		-11.95	68.57	15.00
93 GLU N		-12.26	66.89	15.00
93 GLU CA	-12.90	-13.22	67.59	15.00
	-12.01		66.59	15.00
93 GLU CG			65.42	15.00
93 GLU CD	-11.84		64.31	15.00
93 GLU OE1	-10.67		64.62	15.00
93 GLU 0E2	-12.27		63.13	15.00
93 GLU C	-12.05	11	68.66	15.00
93 GLU O	-11.53		68.49	15.00
94 GLU N	-11.92		69.78	15.00
94 GLU CA		-12.78	70.91	15.00
94 GLU CB	-11.93	-11.79	71.76	15.00
94 GLU CG			71.95	15.00
94 GLU CD	-14.00	-11.50	73.18	15.00
94 GLU OE1			73.18	15.00
94 GLU OE2	-14.31	-12.24	74.14	15.00
94 GLU C	-10.73	-13.98	71.74	15.00
94 GLU O	-11.15	-15.10	71.47	15.00
95 SER N	-9.88	-13.75	72.73	15.00
J SER CA	-9.40	-14.80	73.61	15.00
SER CB	-8.39	-14.21	74.60	15.00
J SER UG	-1.22	-13.77	73 94	15 00
5 SER C	-10.57	-15.44	74.35	15 00
SER O	-11 AR	_1-4 72	72 00	4
6 CYS N	-10.55	-16.77	74.42	15.00
O CIS CA	-11.09	-17.52	75.13	15.00
6 CYS C	-11.61	-17.01	76.56	15.00
6 CYS O	-10.57	-16.90	77.21	15.00

V.				
96 CYS CB	-11.31	-19.03	75.08	15.00
96 CYS SG			76.07	
97 MET N	-12.80	-16.65	77.03	15.00
97 MET CA	-12.96	-16.09	78.36	15.00
97 MET CB	-13.24	-14.58	78.26	
97 MET CG		-13.75	77.73	15.00
97 MET SD	-12.56	-12.29	76.76	15.00
97 MET CE	-13.48		78.03	
97 MET C	-14.07	-16.78	79.14	
97 MET O	-14.87	-16.11	79.82	
98 TYR N				15.00
98 TYR CA		-18.84	79.78	15.00
98 TYR CB				15.00
98 TYR CG		-21.14	80.35	15.00
98 TYR CD1	-17.39	-21.10	79.94	15.00
98 TYR CE1	-18.38	-21.80	80.65	
98 TYR CD2		-21.90	81.48	15.00
98 TYR CE2	-16.72	-22.60	82.18	
98 TYR CZ		-22.54	81.76	15.00
98 TYR OH	-19.00	-23.23	82.44	15.00
98 TYR C	-15.08	-18.52	81.26	15.00
98 TYR O	-14.04		81.89	15.00
99 ASN N	-16.19	-18.01	81.79	15.00
99 ASN CA			83.19	15.00
99 ASN CB	-16.96		83.38	
99 ASN CG	-17.25	-15.98	84.84	15.00
99 ASN OD1	-16.67	-16.58		15.00
99 ASN ND2				15.00
99 ASN C	-17.20	-18.74	83.81	15.00
99 ASN O	-18.44	-18.61	83.82	15.00
100 PRO N	-16.59	-19.79	84.39	15.00
100 PRO CD			84.68	15.00
100 PRO CA	-17.29		85.02	15.00
100 PRO CB	-16.19	0.0000000000000000000000000000000000000	85.86	15.00
100 PRO CG	-15.15	-20.47	86.03	15.00
100 PRO C	-18.50	-20.55	85.87	15.00
100 PRO 0	-19.48	-21.29		
101 THR N	-18.46		86.53	2
101 THR CA	-19.58	* * * *. *	87.37	
101 THR CB	-19.22		88.22	
101 THR OG1	-18.93	-16.65	87.36	15.00
101 THR CG2	-17.99 -			
101 THR C	-20.81	18.70	86.52	15.00

101 THR 0	-21.94	-19.07	86.88	15.00
102 GLY N	-20.59	-18.06	85.37	15.00
102 GLY CA	-21.68	-17.73	84 47	15 00
102 GLY C	-22.27	-18.92	83.72	15.00
102 GLY O	-23.16	-18.73	82.87	15.00
103 LYS N	-21.80	-20.14	84.00	15.00
103 LYS CA	-22.32	-21.34	83.33	15.00
103 LYS CB	-21.70	-22.60	83.93	15.00
103 LYS CG	-22.23	-23.88	83.33	15.00
103 LYS CD	-21.78	-25.11	84.11	15.00
103 LYS CE	-22.56	-25.26	85.40	15.00
103 LYS NZ	-24.02	-25.47	85.12	15.00
103 LYS C	-23.83	-21.42	83.45	15.00
103 LYS O	-24.39	-21.26	84 53	15 00
104 ALA N	-24.50	-21.68	82.34	15.00
TUM ALA CA	-25.96	-21.77	82.34	15.00
104 ALA CB	-26.56	-20.57	81.61	
104 ALA C	-26.48	-23.07	81.73	15.00
104 ALA O	-27.69	-23.30	81.71	15.00
105 ALA N	-25.59	-23.92	81.24	15 00
105 ALA CA	-26.02	-25.18	80.65	15.00
TOO WIN CR	-26./1	-24.94	79.31	15.00
105 ALA C	-24.89	-26.20	80.49	15.00
105 ALA 0	-23.72	-25.84	80.50	15.00
106 LYS N	-25.28	-27.46	80.37	15.00
TOP LYS CA	-24.36	-28.59	80.21	15.00
106 LYS CB	-24.28	-29.40	81.51	15.00
106 LYS CG	-23.38	-28.89	82.62	15.00
106 LYS CD	-23.65	-29.73	83.87	15.00
106 LYS CE	-22.48	-29.72	84.85	15.00
TOO TIE NE	-21.33	-30.54	84 36	15 00
106 LYS C	-24.99	-29.49	79.16	15.00
106 LYS 0	-26.18	-29.32	78.83	15.00
107 CYS N	-24.23	-30.42	78.61	15.00
107 CYS CA	-24.77	-31.37	77.64	15.00
107 CYS CB	-24.82	-30.77	76.22	15.00
107 CYS SG	-23.38	-31.03		
107 CYS C	-23.93		77.72	15.00
107 CYS 0	-22.76		78.10	15.00
	-24.54	-33.78	77.45	15.00
108 ARG CA	-23.86	-35.07	77.52	15.00
108 ARG CB	-24.60			
108 ARG CG	-26.12	-35.73	78.59	15.00
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Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A<sup>2</sup>) for the cathepsin K complex with inhibitor 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide.

Residue Atom	X	Y	Z	В
	44 50			ologia Valodi (d.)
1 ALA CB		-37.54	64.26	15.00
1 ALA C	A . A . A . A . A . A . A . A . A . A .	-36.34	64.48	15.00
1 ALA O 1 ALA N		-36.96	Section 18 Section 18 Section 18	15.00
1 ALA CA	gradian and section of the contract of the con	-38.05	66.17	
	-45.55		65.24	15.00
443	-47.09 -46.48	the state of the s	64.86	M. Bar, " 1.79 mills
2 PRO CA	-48.19	11. Car 1000 (17.79) 1. F.	65.92 64.20	15.00
Total Control of the Mary Control of the Control of	-48.32	anasa na matan a ay sa masa n	U 40440038600 - 4	15.00
	-46.89		65.50	15.00 15.00
2 PRO C	-47.85	er i ver i marker i de la companya	62.76	15.00
2 PRO O		-34.29	62.29	15.00
3 ASP N	-48.84	The Court of Public Court is a	62.05	Additional Control
3 ASP CA	-48.64	Contrador or Contrador (Contrador Contrador Co	60.66	15.00
3 ASP CB	-49.97	and the state of t	59.91	15.00
3 ASP CG	1,000	-34.49	59.37	
3 ASP OD1	-50.61		58.16	15.00
3 ASP OD2	-50.25	and the second of the second of the second		15.00
3 ASP C	-48.06		60.63	15.00
3 ASP O	-47.45	-31.32		15.00
4 SER N	-48.18	-31.03	No. 1	15.00
4 SER CA	-47.72	-29.67	61.87	15.00
4 SER CB	-48.86	-28.74	61.51	15.00
4 SER OG	-48.48	-27.37	61.57	15.00
4 SER C	-47.29	-29.41	63.29	15.00
4 SER O		-29.91	64.23	15.00
5 VAL N	-46.20		63.43	15.00
5 VAL CA	-45.71		64.73	15.00
5 VAL CB	-44.98		65.47	15.00
5 VAL CG1	1 1 1 1 1 1 1	-29.68	64.89	15.00
5 VAL CG2	-44.88	-29.11	34 6,77 44 7	15.00
5 VAL C	-44.81	-27.08	64.62	15.00
5 VAL O	-44.04	-26.93	63.66	15.00
6 ASP N	-44.96		65.59	15.00
6 ASP CA	-44.19	-24.98	65.66	15.00

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6 ASP CB	-45.08	-23.81	65.22	15.00
6 ASP CG		-22.52		15.00
6 ASP OD1			65.49	15,00
6 ASP OD2	-44.88	-21.58	64.49	
6 ASP C	-43.72	-24.81	67.10	
6 ASP O	-44.50	-24.48	68.00	
7 TYR N	-42.42	-25.02		5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7 TYR CA	-41.83	-24.90	68.64	
7 TYR CB	-40.43	-25.53	68.66	15 00
7 TYR CG	-40.49	-27.05	68.76	15.00
7 TYR CD1	-40.75	-27.66	69 98	
7 TYR CE1	-40.88	-29.04	70.08	
7 TYR CD2	-40.34	-27.85		15.00
7 TYR CE2	-40.47	-29.24	67.72	15.00
7 TYR CZ	-40.74	-29.83	68.95	15.00
7 TYR OH	-40.89	-31.20	69.06	15.00
7 TYR C	-41.80		69.20	15.00
7 TYR O	-41.66	-23.28	70.42	15.00
8 ARG N	-41.93	-22.48		15.00
8 ARG CA	-41.95	-21.08	68.77	15.00
		-20.12		15.00
8 ARG CG	-40.92		66.57	15.00
8 ARG CD		-19.30	65.38	15.00
8 ARG NE	2 11 12 W 12 21 14 2 20 2 20 14 14 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-19.84		15 00
8 ARG CZ	-42.66	-19.26	63.38	15.00
8 ARG NH1	-42.13	-18.11	62.97	15.00
8 ARG NH2	-43.61		62.66	15.00
8 ARG C	$-1.6 \pm 0.00$ , $0.000000000$ $-0.000000$	-20.93	69.64	15.00
8 ARG O	-43.18		70.68	15.00
9 LYS N	-44.28	0.230.00 a a a a		15.00
9 LYS CA	-45.54	13-00/W 300341411 * 1	69.92	15.00
9 LYS CB	-46.66 -	-22 14		15.00
9 LYS CG	-47.11 -		67.92	15 00
9 LYS CD	-47.98 -	22.07	66.95	15 00
S TIS CE	-48./4 -	21.20	65.98	15.00
A DIO MO	-49.84 -	20.49	66.67	15.00
9 LYS C	-45.45 -		**	15.00
9 LYS O	-46.19 -	21.88		15.00
10 LYS N	-44.53 -		71.39	15.00
10 LYS CA	-44.30 -		72.63	
10 LYS CB	-43.82 -	25.33	72.30	
10 LYS CG	-44.90 -			15.00
10 LYS CD	-44.35 -		71.47	15.00
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10 LYS CE	-45.48	-28.63	71.20	15.00
10 LYS NZ	-44.99		70.87	
10 LYS C	-43.28	-23.22	73.53	15.00
10 LYS O	-42.94	-23.73	74.60	15.00
11 GLY N	-42.75	-22.09		15.00
11 GLY CA	-41.77	-21.37	73.88	15.00
11 GLY C	-40.41	-22.04	73.97	15.00
11 GLY O	-39.71	-21.91	74.97	15.00
12 TYR N	-40.02	-22.75	72.92	15.00
12 TYR CA	-38.73	-23.41	72.89	15.00
12 TYR CB	-38.86	-24.81	72.29	15.00
12 TYR CG	-39.47	-25.86	73.18	15.00
12 TYR CD1	-40.56	-25.59	73.99	15.00
12 TYR CEL	-41.12	-26.56	74.81	15.00
12 TYR CD2	-38.94	-27.15	73.21	15.00
12 TYR CE2	-39.49		74.02	
12 TYR CZ	-40.58	-27.84	74.82	15.00
12 TYR OH	-41.10	-28.81	75.64	15.00
12 TYR C	-37.73	-22.62	72.04	15.00
12 TYR O	-36.65	-23.14	71.72	15.00
13 VAL N	-38.08	-21.39	71.66	15.00
13 VAL CA	-37.21	-20.59	70.80	15.00
13 VAL CB	-37.82	-20.46	69.40	15.00
13 VAL CG1	-36.75	-20.07	68.38	15.00
13 VAL CG2	-38.52	-21.73	69.02	15.00
13 VAL C	-36.93	-19.17	71.30	15.00
13 VAL O	-37.86	-18.42	71.61	15.00
14 THR N	-35.66	-18.79	71.34	15.00
14 THR CA	-35.29	-17.45	71.78	15.00
14 THR CB	-33.84	-17.40	72.32	15.00
14 THR OG1	-32.91	-17.76	71.28	15.00
14 THR CG2	-33.67	-18.33	73.52	15.00
14 THR C	-35.46	-16.52	70.59	15.00
L4 THR U	-35.55	-16.96	69.46	15.00
L5 PRO N		-15.20	70.84	15.00
15 PRO CD		-14.48	72.12	15.00
L5 PRO CA	-35.65	-14.27	69.72	15.00
L5 PRO CB		-12.90	70.42	15.00
L5 PRO CG	-34.93	-13.12	71.67	15.00
L5 PRO C	-34.54	-14.35	68.69	15.00
L5 PRO O	-33.45	-14.89	68.95	15.00
L6 VAL N	-34.85	-13.85	67.50	
6 VAL CA	-33.94	-13.84	66.37	15.00

16 VAL CB		-13.41	65.08	15.0
16 VAL CG1	-33.72	-13.35		15.0
16 VAL CG2	-35.82	-14.39	64.78	
16 VAL C		-12.94		15.00
16 VAL O		-11.79		
17 LYS N	-31.54			15.00
17 LYS CA	-30.27	-12.80	66.48	
17 LYS CB	-29.26			
17 LYS CG		-14.45		
17 LYS CD	-30.15		69.56	15.00
17 LYS CE	-31.10	-14.14	70.58	15.00
17 LYS NZ	-30.73	-15.52		15.00
17 LYS C	-29.70	-12.43	65.09	
17 LYS O		-12.81	64.05	A 1 2 3 4 4 5 44 100 TO
18 ASN N	-28.59		65.10	15.00
18 ASN CA	-27.93		63.89	15.00
18 ASN CB	-28.25	-9.75	63.69	15.00
18 ASN CG	-27.74		62.37	15.00
18 ASN OD1	-27.34	-9.95	61.49	15.00
18 ASN ND2	-27.75	-7.90	62.24	15.00
18 ASN C	-26.41	-11.47	63.99	15.00
18 ASN 0		-10.74	64.68	15.00
19 GLN N	-25.92	-12.47	63.27	15.00
19 GLN CA	-24.50	-12.81	63.27	15.00
19 GLN CB	-24.23		62.39	
19 GLN CG		-13.91	the second of the second of the second	15.00
19 GLN CD			60.10	15.00
19 GLN OE1	-25.15		60.00	15.00
19 GLN NE2		-15.23		15.00
19 GLN C		-11.65	62.84	15.00
19 GLN 0		-11.56	63.30	15.00
20 GLY N	-24.09		61.99	15.00
20 GLY CA		-9.65		15.00
20 GLY C		-10.07	60.45	
20 GLY O		-10.98		15.00
21 GLN N	-21.15	-9.43		15.00
21 GLN CA	•		59.41	15.00
21 GLN CB	-19.40	-8.48		15.00
21 GLN CG	-20.22	-7.59	58.06	15.00
21 GLN CD	-20.48	·		15.00
21 GLN OE1	-19.88	-9.26		15.00
21 GLN NE2	-21.37			15.00
21 GLN C		-10.78	59.98	15.00
	i. •	•		-3.00

21 GLN 0	-17.95		60.13	15.00
22 CYS N	-19.68	-11.95	60.30	15.00
22 CYS CA	-18.90	-13.04	60.86	15.00
22 CYS C	-19.59	-14.32	60.46	15.00
22 CYS 0	-20.82	-14.40	60.50	15.00
22 CYS CB	-18.83	-12.90	62.40	15.00
22 CYS SG	-18.13	-14.32	63.33	15.00
23 GLY N	-18.81	-15.30	60.03	15.00
23 GLY CA	-19.36	-16.58	59.63	15.00
23 GLY C	-19.61	-17.48	60.83	15.00
23 GLY O	-19.23	-18.65	60.84	15.00
24 SER N	-20.32	-16.94	61.82	15.00
24 SER CA	-20.63	-17.67	63.03	15.00
24 SER CB	-20.58	-16.71	64.22	15.00
24 SER OG	-21.38	-15.58	64.00	15.00
24 SER C	-22.00	-18.34	62.98	15.00
24 SER O	-22.52	-18.78	64.01	15.00
25 CYS N	-22.59	-18.45	61.79	15.00
25 CYS CA	-23.90	-19.08	61.65	15.00
25 CYS CB	-24.31	-19.15	60.17	15.00
25 CYS SG	-23.12	-20.00	59.06	15.00
25 CYS C	-23.95	-20.47	62.29	15.00
25 CYS O	-24.95	-20.85	62.89	15.00
25 INH C1	-28.28	-9.31	55.94	15.00
25 INH C2	-28.07	-9.03	57.30	15.00
25 INH C3	-27.11	-9.78	58.03	15.00
25 INH C4	-26.37	-10.78	57.40	15.00
25 INH C5	-26.59	-11.05	56.05	15.00
25 INH C6	-27.54	-10.32	55.31	15.00
25 INH C7	-25.31	-11.54	58.16	15.00
25 INH 08	-24.19	-11.68	57.24	15.00
25 INH C9	-23.29	-12.79	57.20	15.00
25 INH 010	-22.50	-12.99	58.13	15.00
25 INH C11	-22.45	-14.71	55.88	15.00
25 INH C12	-21.05	-14.47	56.48	15.00
25 INH C13				
25 INH C14				
25 INH C15	-20.83	-12.17	55.23	15.00
25 INH C16				
25 INH 017				
25 INH N18	-22.19	-17.17	56.30	15.00
25 INH N19	-22.62	-18.53	56.74	15.00
25 INH N20				
		• • •		

	*	3.4	Para Name in	National Control
25 INH C21	-22.09	-18.85	58.14	15.0
25 INH 022	-22.10			15.00
25 INH C23		-27.30		
25 INH C24	-13.75	-26.80	60.62	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25 INH C25	-14.61	-25.79		
25 INH C26	-14.52	-25.29		
25 INH C27		-25.80		
25 INH C28		-26.81	58.47	15.00
25 INH C29	-15.45	-24.21	58.40	15.00
25 INH 030	-16.52	-24.58	57.49	15.00
25 INH C31	-17.56		57.05	
25 INH 032	-17.32	-22 74	E 6 97	v <b>a</b> n <b>a</b> n (0.120 an
25 INH C33	-19.95	-23.09	57 10	147 C 1 2 3 April 1997 199
25 INH C34	-21.23	-23 90	57.35	
25 INH C35	-21.11	-25.25	50.00	15.00
25 INH C36	-22.32	-25 59	58.89	
25 INH C37	-20.84	-26 31	FC 00	
25 INH C38	-20.07	-21 83	50.99	15.00
25 INH 039	-19.74	-21 86		
25 INH N40	-20.56	-20.70	57.42	15.00
25 INH N41	-20.70	-19.44	57.43	15.00
25 INH N42	-18.78	-23 90		15.00
26 TRP N		-21.19		15.00
26 TRP CA		-22.53	10 10 Miles 2	15.00
26 TRP CB		-23.13	62.79	15.00
26 TRP CG		-22.32	62.41	
	-19.43	-22.32	64.88	15.00
26 TRP CE2	-18.42	-21 46		15.00
26 TRP CE3	-19.58	-23 27	TAX SEE SEC.	15.00
26 TRP CD1	-19.50	· .	65.26	
26 TRP NE1	-18.48	-20.70		15.00
26 TRP CZ2	-17.56			15.00
26 TRP CZ3			1974 I L 1987 Paris 1971	15.00
	-18.73 -17.73	-22.10		15.00
26 TRP C		-22.11		15.00
26 TRP O		-22.47		15.00
27 ALA N	-23.46 · -22.37 ·			15.00
그렇고 그 역사 건 있다.			64.90	
	-21.53			15.00
			66.72	15.00
		20.90	66.77	15.00
	-24.34 - -24.55 -	20.00	67.78	15.00
00	2	20.06 19.71	65.99	
		ユ <b>ブ・</b> /土	66.23	15.00

and the second second		·	the state of the state of	and the second state of the second
28 PHE CB	-26.38	-18.58	65.29	15.00
28 PHE CG	-25.85	-17.23	65.70	15.00
28 PHE CDI	-24.59	-16.81	65.30	15.00
28 PHE CD2	-26.60	-16.39	66.52	15.00
28 PHE CE1	-24.08	-15.57	65.70	15.00
28 PHE CE2	-26.09	-15.15	66.93	15.00
28 PHE CZ	-24.83	-14.74	66.52	15.00
28 PHE C	-26.86	-20.93	66.07	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
28 PHE 0	-27.82	-21.10	66.82	15.00
29 SER N	-26.54	-21.81	65.13	15.00
29 SER CA		-23.01	64.93	15.00
29 SER CB	-26.85	-23.73	63.66	15.00
29 SER OG	-27.55	-24.93		15.00
29 SER C	-27.19	-23.93		15.00
29 SER 0	-28.19	-24.39	66.71	15.00
30 SER N	-25.95	-24.16		15.00
30 SER CA	-25.63	-25.00	67.75	15.00
30 SER CB	-24.12	-24.97	68.04	15.00
30 SER OG	-23.34	-25.28	66.91	15.00
30 SER C	-26.36	-24.51	68.98	15.00
30 SER O	-27.02	-25.26	69.69	15.00
31 VAL N		and the second second		- 1. 20 A0000
31 VAL CA	-26.76	-22.55	70.39	
31 VAL CB	-26.31	-21.07	70.38	15.00
31 VAL CG1	-27.42	-20.13	70.84	15.00
31 VAL CG2	-25.08	-20.92	71.26	15.00
31 VAL C	-28.28	-22.70	70.37	15.00
31 VAL O	-28.87		71.37	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
32 GLY N	-28.89	-22.44	69.22	15.00
32 GLY CA	-30.32	-22.56	69.08	15.00
32 GLY C	-30.79	-23.96	69.45	15.00
32 GLY 0	-31.80	-24.12	70.14	15.00
33 ALA N	-30.03	-24.96		15.00
	-30.35	-26.35	69.30	15.00
33 ALA CB	-29.44	-27.29	68.48	15.00
33 ALA C	-30.24	-26.64	70.80	15.00
33 ALA O	-31.11	-27.29	71.38	15.00
34 LEU N	-29.17	-26.15	71.42	15.00
34 LEU CA		-26.37	72.84	15.00
34 LEU CB	-27.61	-25.82	73.28	15.00
34 LEU CG	-26.39 -25.12	-26.66	72.87	15.00
34 LEU CD1	-25.12	-25.82	72.89	15.00
34 LEU CD2	-26.27	-27.87	73.78	15.00

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	TABLETV					
34 LEU C	-30.09	-25.73	73.66	15.00		
34 LEU O	-30.62	-26.34	74.59			
35 GLU N	-30.48	-24.53	73.25			
35 GLU CA		-23.78	73.90	15.00		
35 GLU CB		-22.41	proceeding the process of the first			
35 GLU CG	-30.49			15.00		
35 GLU CD		-20.25				
35 GLU 0E1	11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	-20.17		15.00		
35 GLU OE2	-29.81	and the same of the first of	72.90	15.00		
35 GLU C		-24.52		15.00		
35 GLU O		-24.41		15.00		
36 GLY N		-25.25	72.79	15.00		
36 GLY CA		-25.97	72.72	15.00		
36 GLY C	-34.42		73.78	15.00		
36 GLY O		-27.13	74.61			
37 GLN N	-33.35	-27.86	73.77	15.00		
37 GLN CA			74.71	15.00		
37 GLN CB	-31.95	-29.77	74.32	15.00		
37 GLN CG	-32.01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72.91	15.00		
37 GLN CD	-33.22	-31.25	72.69	15.00		
37 GLN 0E1 37 GLN NE2	-33.31	-32.35	73.26			
37 GLN C	-34.16		71.87	15.00		
37 GLN C	-33.10		76.17	15.00		
38 LEU N	-33.70		77.06	15.00		
38 LEU CA	-32.38		76.40	15.00		
	-32.27	-26.87	77.75	All the state of t		
38 LEU CG	-31.39 -31.34			15.00		
38 LEU CD1		-25.01		15.00		
38 LEU CD2	-30.49 -30.79	-23.87 -23.61				
38 LEU C	-33.65	-25 E1	79.08	15.00		
38 LEU 0	-33.03	-26.31	78.26	15.00		
38 LEU O 39 LYS N	-3 <i>4</i> 45	-20./3 -25 00	77.20	15.00		
39 LYS CA	-35 R1	-23.50 -25.51	77.38	15.00		
	-35.81 -36.42	-24 72	71.12 76 EE	15.00		
39 LYS CG	-36.42 -37.63	_23 00	76.00	15.00		
39 LYS CD	-38.88	-24 71	77.00	15.00		
39 LYS CE	-39:79	-24.14	77.08	15.00		
	-39.99		78.15	15.00		
39 TYS C	-36 61	26.70	70.UI	13.00		

-37.19 -29.01 77.23

-36.61 -26.78 78.00 15.00

-37.28 -26.89 79.04 15.00 -36.48 -27.75 77.11 15.00

39 LYS C

39 LYS O 40 LYS N

40 LYS CB	-36.93	-29.90	76.01	15.00
40 LYS CG	-37.84		1 4 4 5 7 4 7 5 7 1 6 1	3 Y W 11 Y 1 1 1 Y 1
40 LYS CD	-37.59	-31.87	74.60	15.00
40 LYS CE	-37.06	-33.28	74.85	
40 LYS NZ	-36.36	-33.87	73.66	na like Sastata na ka
40 LYS C	-36.82	-29.76	78.51	15.00
40 LYS O		-30.36		15.00
41 LYS N	and the first the second and the second and the second	-29.66	78.92	15.00
41 LYS CA	-35.08	-30.37	80.10	15.00
41 LYS CB	-33.60		79.95	15.00
41 LYS CG	-33.12	`∀ . • C) :	80.95	15.00
41 LYS CD	-31.66		80.76	15.00
41 LYS CE	-31.18	-33.02	81.87	15.00
41 LYS NZ	-31.86		81.80	15.00
41 LYS C		-29.68	81.45	15.00
41 LYS 0	-35.76	-30.32	82.40	15.00
42 THR N	-35.04	-28.38	81.51	15.00
42 THR CA	-35.19		82.75	15.00
42 THR CB	-34.00	-26.66	82.95	15.00
42 THR OG1	1940 (1841), (1868 <del>)</del>	-25.58		15.00
42 THR CG2		-27.39		15.00
42 THR C	-36.46	-26.78	. 100 (1909) (100 (J	15.00
42 THR O	-36.86	-26.41	83.96	15.00
43 GLY N	-37.04	-26.42	81.73	15.00
43 GLY CA	-38.24	-25.60	81.75	15.00
43 GLY C	-37.95		81.59	15.00
43 GLY O 44 LYS N		-23.31		15.00
44 LYS CA		-23.75	81.48	15.00
44 LYS CB	-36.28	-22.35	81.31	15.00
44 LYS CG	-35.14		82.26	15.00
Control of the Contro	-33.38 35.00	-21.64	83.67	15.00
44 LYS CD	-33.60	-22.90	84.47	15.00
44 LYS CE	_32.01	-23.49	84.91	15.00
44 LYS NZ 44 LYS C	_35.01 _35.00	72.07	85.90	15.00
44 LYS O	-35.82 -35.33	-22.07	79.87	15.00
45 LEU N	-35 07	-20 02	79.19	15.00
45 LEU CA	-35 56	-20.02	70 11	15.00
45 LEU CB	-36.70	-20.40	77.26	15.00
45 LEU CG	-36 54	_10 <i>C</i> 1	75.00	15.00
5 LEU CD1	-36 32	-20 88	77.60	15.00
15 LEU CD2	-37.71	-18 81	75.22	15 00
15 LEU C	-34.65	-19.18	78 26	15 00

		and the second		
45 LEU O	<ul> <li>A series of the first series of the series of</li></ul>	-18.11	78.69	15.00
46 LEU N	-33.36	-19.38	78.00	15.00
46 LEU CA		-18.30	78.06	15.00
46 LEU CB	-31.64	-18.25	79.40	
46 LEU CG		-19.34		15.00
46 LEU CD1		-20.01	81.15	15.00
46 LEU CD2	-30.27	-20.35	79.09	
46 LEU C		-18.38	76.86	
46 LEU O	<ol> <li>Javássa 117 J. 1724 J.</li> </ol>	-19.40	76.17	
47 ASN N		-17.27	76.59	15.00
47 ASN CA	25.28	-17.18	75.47	
47 ASN CB	マル・マスペン という おきご	-15.73	75.04	15.00
47 ASN CG	-31.07	-15.14	74.66	15.00
47 ASN OD1	-31./4	-15.64	73.75	15.00
47 ASN ND2	-31.50	-14.13	75.39	15.00
47 ASN C	To the Secretarial of Later Co.	-17.75	75.81	15.00
47 ASN O	-27.91	-17.37	76.81	15.00
48 LEU N	-28.07	-18.74	75.05	15.00
48 LEU CA	-26.77	-19.34	75.27	15.00
48 LEU CB	-26.81	-20.84	74.95	15.00
48 LEU CG	-27.74	-21.60	75.90	15.00
48 LEU CD1	-27.67	-23.09	75.67	15.00
48 LEU CD2	-27.37	-21.30	77.33	15.00
48 LEU C	-25.77	-18.57	74.42	15.00
48 LEU O	-26.17	-17.88	73.47	the state of the s
49 SER N	-24.50	-18.67	74.76	15.00
49 SER CA	PERMANANTAN PARAMETERS .	-17.92	74.09	15.00
49 SER CB	-22.32	-17.62	75.08	15.00
49 SER OG	-21.28	-16.87	74.48	15.00
49 SER C	-22.83		72.80	15.00
49 SER 0	-22.08	-19.40	72.82	15 00
50 PRO N	-23.10	-17.78	71.67	15.00
20 EVO CD	-24.13	-16.75	71.42	15.00
50 PRO CA	-22.50	-18.23	70.41	
50 PRO CB	-23.27	-17.43	69.35	15.00
50 PRO CG	-24.58	-17.10	70.04	15.00
50 PRO C	-21.01	-17.85	70.42	15.00
50 PRO O	-20.16	-18.58	69.92	15.00
51 GLN N	-20.70	-16.70	71.03	15.00
51 GLN CA	-19.34 -	-16.20	71.12	15.00
51 GLN CB	-19.32	14.84		15.00
51 GLN CG	-18.00 -	-14.10	71.73	
51 GLN CD	-17.72	13.59		15.00

			• .	
51 GLN 0E1	-18.55	-12.90	69.73	15.00
51 GLN NE2	-16.55	-13.90	69.82	
51 GLN C	-18.45	-17.21	71.86	15.00
51 GLN O	-17.28	-17.39	71.50	15.00
52 ASN N	-19.01	-17.87	72.87	
52 ASN CA	-18.28	-18.88	73.62	
52 ASN CB	-19.24	-19.57	74.60	15.00
52 ASN CG	-18.54	-20.47	75.63	15.00
52 ASN OD1	-19.19	-20.95	76.57	15.00
52 ASN ND2	-17.24		75.48	15.00
52 ASN C	-17.74	-19.88	72.59	15.00
52 ASN O	-16.55	-20.22	72.60	15.00
53 LEU N	-18.60	-20.31	71.68	15.00
53 LEU CA	-18.22	-21.26	70.64	15.00
53 LEU CB	-19.47	-21.70	69.86	15.00
53 LEU CG	-20.37	-22.81	70.42	15.00
53 LEU CD1	-20.05	-23.13	71.87	15.00
53 LEU CD2	-21.83	-22.41	70.22	15.00
53 LEU C	-17.18	-20.69	69.68	15.00
53 LEU 0		-21.33	69.40	15.00
54 VAL N	and the second of the second	-19.48	69.18	15.00
54 VAL CA	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-18.82	68.23	15.00
54 VAL CB		-17.36	67.92	15.00
54 VAL CG1	-15.96	-16.58	67.19	15.00
54 VAL CG2	-18.28	-17.40	67.05	15.00
54 VAL C	-15.10	-18.79	68.72	15.00
54 VAL O		-19.17	67.98	15.00
55 ASP N	-14.90	-18.37	69.96	15.00
55 ASP CA		-18.26	70.51	15.00
55 ASP CB	-13.56	-17.25	71.67	15.00
55 ASP CG	-14.04	-15.87	71.27	15.00
55 ASP OD1	-14.02	-15.54	70.06	15.00
55 ASP OD2	-14.43	-15.10	72.18	
55 ASP C	-12.93	-19.55	71.04	15.00
55 ASP O	-11.72	-19.70	71.00	15.00
56 CYS N	-13.76	-20.47	71.50	15.00
56 CYS CA	-13.26	-21.69	72.14	15.00
56 CYS C	-13.18	-23.02	71.37	15.00
56 CYS 0	-12.34			
	-14.03			
56 CYS SG			74.53	15.00
57 VAL N	-14.03	-23.22	70.37	15.00
57 VAL CA		-24.47	69.62	15.00
		4.5	No the section of	

	57 VAL CB	-15.34	-24.76	68 86	15.00
	57 VAL CG1	-15.38	-26,20	68 38	15 00
	57 VAL CG2	-16.52	-24.51	69.77	15 00
	57 VAL C	-12.80	-24.45	68.66	15.00
	57 VAL O	-12.85	-23.83	67.60	
		-11.72			15.00
	58 SER CA	-10.48	-25.16	68.32	
	58 SER CB	-9.34	-25 69	60.21	
	58 SER OG	-9.70	-26.91	69 82	15.00
	58 SER C	-10.53	-25.97	67 03	15.00
	58 SER 0	-9.67	-25.81	66 17	15.00
		-11.49		66.92	
	59 GLU CA	-11.62	-27.68	65.70	15.00
	59 GLU CB	-12.33	-29.00	65.70 65.00	12.00
	59 GLU CG	-11.57	-29.96	66.00	15.00
	59 GLU CD	-11.66	-29.50		
	59 GLU OE1	-10 69	-29 00		
	59 GLU OE2	-12.69	-29.00	LIM OF STATE	
	59 GLU C	-12 37	-25.03		
	59 GLU 0	-12 48	-20.03	64.62	15.00
	60 ASN N	-12.48 -12.91	-25 72	63.49	15.00
	60 ASN CA	-13 65	-23.73	64.98	15.00
3	60 ASN CB	-14 00	-24.67 -24.44	64.06	
				64.66	15.00
		-16.08 -17.16	-23.31 -25.30	64.51	15.00
	그 원 시설 것도 되는 시작은 시작하다. 경기다	-17.16 -15.70	-43.36 -26 EE	65.08	15.00
	60 ASN C	-15.79	740.33 33 65	63.74	15.00
	60 ASN O	-11 76	72.05		
	61 ASP N			64.35	
			-22.85		15.00
	61 ASP CB	-12.53			
	61 ASP CG	_12.22	-21.74	60.88	15.00
	61 ASP OD1	_12 02	723.04	60.50	15.00
	61 ASP OD1 61 ASP OD2	-12.UZ	-23.72	59.56	15.00
	61 ASP C	-10.34 -12 12	-23.41	61.16	15.00
		-13.13	-20.31	62.74	15.00
		-12.89	-19.32	62.04	15.00
		-13.88	-20.27	63.83	15.00
	THE CHILD		-19.03	64 30	15 00
	62 GLY C 62 GLY O	16.35	-18.30	63.30	15.00
		-16.37	-18.81	62.87	15.00
	63 CYS N	-14.96	-17.07	62.96	15.00
	63 CYS CA	-15./1 ·	-16.28	61.99	15.00
1	63 CYS C	-15.49	-16.79	60.56	15.00

63 CYS O	-16.19	-16.39	59.63	15.00
63 CYS CB		-14.79		15.00
63 CYS SG	-16.14	-13.94	63.53	15.00
64 GLY N			60.41	15.00
64 GLY CA	-14.27	-18.27	59.10	15.00
64 GLY C	-15.11		58.79	15.00
64 GLY O	-14.95		57.73	15.00
65 GLY N	-15.94	<ol> <li>19 March 19 (1999)</li> </ol>	59.74	15.00
65 GLY CA	-16.78	-21.08		15.00
65 GLY C	-16.54	-22.20	60.51	15.00
65 GLY O	-15.54	-22.20	61.24	The second second
66 GLY N	-17.44	-23.18	60.52	15.00
66 GLY CA	-17.29	-24.31	61.41	15.00
66 GLY C	-18.41		61.27	15.00
66 GLY O	-19.25	-25.19	60.37	
67 TYR N	54 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-26.34	62.13	15.00
67 TYR CA	-19.42	-27.39	62.15	15.00
67 TYR CB	-18.78	-28.74	61.83	15.00
67 TYR CG	-18.30	-28.84	60.41	15.00
67 TYR CD1	-19.02	-29.55	59.47	15.00
67 TYR CE1				15.00
67 TYR CD2		-28.16		15.00
67 TYR CE2	-16.74	-28.19	58.67	15.00
67 TYR CZ	-17.48	-28.90	57.74	15.00
67 TYR OH	-17.12	-28.88	56.42	15.00
67 TYR C	-20.12	-27.46	63.51	15.00
67 TYR 0	-19.48	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64.54	15.00
68 MET N	-21.43	-27.73	63.50	15.00
68 MET CA	-22.22	100-40	64.73	15.00
68 MET CB	-23.72	-27.83	64.41	15.00
68 MET CG	-24.26	-26.60	63.63	15.00
68 MET SD	-24.05	-26.62	61.79	15.00
68 MET CE	-25.42	-27.66	61.31	15.00
68 MET C	-21.84	-29.02	65.61	15.00
68 MET 0	-21.89	-28.95	66.84	15.00
69 THR N	-21.48	-30.12	64.98	15.00
69 THR CA	-21.08	-31.33	65.70	15.00
69 THR CB	-20.80	-32.51	64.73	15.00
69 THR OG1	-20.08	-32.02	63.58	15.00
69 THR CG2	-22.12			
69 THR C	-19.82	-31.05	66.53	15.00
69 THR O	-19.67	-31.55	67.66	15.00
70 ASN N		-30.21		

70 ASN CA	11 T 11 T	-29.85		15.00
70 ASN CB			65.79	
70 ASN CG				
70 ASN OD1	110000000000000000000000000000000000000	-29.56		
70 ASN ND2			65.39	
70 ASN C	-18.08	-29.02	67.91	15.00
70 ASN O	-17.57			
71 ALA N	-19.02	-28.09	67.71	
71 ALA CA	-19.50	-27.22	68.77	
71 ALA CB		-26.20	68.21	15.00
71 ALA C	-20.14	-28.02	69.90	
71 ALA 0	-19.88	-27.76		15.00
72 PHE N	-20.90	-29.05	69.55	15.00
72 PHE CA	-21.56	-29.89	the country of the second of t	15.00
72 PHE CB	-22.55	-30.86	69.89	15.00
72 PHE CG	-23.72	-30.18	69.24	15.00
72 PHE CD1	The state of the s	-29.05	69.82	15.00
72 PHE CD2	-24.23	-30.65	68.04	15.00
72 PHE CE1		-28.41	69.21	15.00
72 PHE CE2	-25.31	-30.01	67.42	15.00
72 PHE CZ	-25.89		68.01	15.00
72 PHE C	-20.53	-30.68	71.37	15.00
72 PHE O	-20.66	-30.76	72.60	15.00
73 GLN N	-19.55	-31.27	70.69	15.00
73 GLN CA		-32.05	71.34	15.00
73 GLN CB	-17.52	-32.66	70.34	15.00
73 GLN CG	-18.09	-33.80	69.51	15.00
73 GLN CD		-34.63	68.79	15.00
73 GLN OE1		-35.01	67.62	15.00
73 GLN NE2		-34.94	69.49	15.00
73 GLN C		-31.16	72.30	15.00
73 GLN O	-17.35	-31.61	73 38	15 00
74 TYR N	71/.35	-29.89	71.92	15 00
74 TYR CA	-16.84	-28.94	72.75	15.00
/4 TYR CB	-16.75 -	-27.57	72 08	15 00
74 TYR CG	-16.46	-26.43	73 03	15.00
/4 TYR CD1	-15.18 -	-26.26	73 58	15 00
/4 TYR CE1	-14.91 -	-25.23	74 50	15.00
/4 TYR CD2	-17.46 -	-25.54	73 42	15.00
74 TYR CE2	-17.21 -	24.51	74 34	15 00
74 TYR CZ	-15.93 -	24.36	74 88	15.00
74 TYR OH	-15.69 -	23.36	75.78	15.00
74 TYR C	-17.58 -	28.81	74.06	15.00

and the second of the second o	0007.1			4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
74 TYR O	-17.02	-29.09	75.12	15.00
75 VAL N	-18.84			
75 VAL CA	-19.67	-28.21		
75 VAL CB	-21.14	A Control of the Control of the Control		
75 VAL CG1	-22.00	-27.77	76.01	15.00
75 VAL CG2	-21.20	-26.59	73.96	15.00
75 VAL C	H. M. J. W. HURTON, B. LAT	-29.43	76.09	15.00
75 VAL O	-19.55	-29.27	77.31	
76 GLN N	-19.56	-30.63	75.51	The May 1999
76 GLN CA	-19.48	-31.85	76.29	
76 GLN CB	-19.68	-33.09	75.42	
76 GLN CG	-19.53	-34.39	76.19	
76 GLN CD	-19,73	-35.63	75.35	15.00
76 GLN 0E1	-19.39	-35.66	74.17	
76 GLN NE2	-20.27	-36.67	75.97	
76 GLN C	-18.15	-31.96	77.03	
76 GLN 0		-32.20		15.00
77 LYS N	-17.05	-31.81	76.30	15.00
77 LYS CA	-15.70	-31.90	76.87	15.00
77 LYS CB	-14.63	-31.71	75.79	
77 LYS CG	CALIFFE CALL DATE AND	-32.63	74.61	15.00
77 LYS CD		-34.07	74.97	15.00
77 LYS CE		-34.96	73.73	15.00
77 LYS NZ		-34.52	72.63	15.00
77 LYS C	1 45 L. Sel Selliner	-30.80	77.93	
77 LYS 0	tan (ji miga sanganigi (jiyog ji si ayar i	-31.05	79.04	15.00
78 ASN N	-15.87	-29.58	77.55	
78 ASN CA	-15.78	-28.42	78.42	
78 ASN CB	Marie Germanii makali wa watata 1915.	-27.17	77.61	15.00
78 ASN CG	-15.75	-25.90	78.33	15.00
78 ASN OD1	-14.65	-25.77	78.86	15.00
78 ASN ND2	-16.66	-24.93	78 33	15 00
78 ASN C	-16.76	-28.55	79 61	15 00
70 ASN U	-10.66	-27.82	80.59	15.00
/9 ARG N	-17.70	-29.48	79.47	15.00
79 ARG CA	-18.73	-29.76	80.46	15.00
79 ARG CB	-18.11	-30.22	81.77	15.00
79 ARG CG	-17.42	-31.56	81.70	15.00
79 ARG CD	-16.95	-31.93	83.08	15.00
/9 ARG NE	-16.17	-33.15	83.11	15.00
79 ARG CZ	-14.86	-33.22	82.89	15.00
79 ARG NH1	-14.17	-32.13	82.58	15.00
79 ARG NH2	-14.21	-34.37	83.07	15.00

			- ·	:
79 ARG.C	-19.66	-28.58	80.71	15.00
79 ARG O	-20.27	-28.49	81.78	
80 GLY N	-19.79		79.72	15.00
80 GLY CA		-26.55		
80 GLY C	-20.48	-25.48	78.81	15.00
80 GLY O	-19.54	-25.52	78.01	
81 ILE N	-21.41	-24.53	78.80	
81 ILE CA	-21.40	44.7	77.88	
81 ILE CB	-22.23		76.58	15.00
81 ILE CG2	-23.68	-24.05	76.93	15.00
81 ILE CG1	-22.19	-22.46	75.64	
81 ILE CD1	-22.89	-22.66	74.31	15.00
81 ILE C	-21.99	-22.20	78.62	
81 ILE 0		-22.35	79.43	15.00
82 ASP N		-21.02	78.37	15.00
82 ASP CA	-21.91	-19.81	79.01	15.00
82 ASP CB	-20.85	-18.71	78.94	15.00
82 ASP CG	-19.73	-18.92	79.95	15.00
82 ASP OD1	-18.66	-18.32	79.78	15.00
82 ASP OD2		-19.69	80.91	15.00
82 ASP C	-23.21	-19.25	78.45	15.00
82 ASP 0	-23.63	-19.58	77.33	15.00
83 SER N	-23.86	-18.43	79.26	15.00
83 SER CA	-25.09	-17.78	78.85	15.00
83 SER CB	-25.92	-17.36	80.08	15.00
83 SER OG		-16.38	80.86	15.00
83 SER C		-16.55	78.06	15.00
83 SER O	-23.50	-16.10	78.17	15.00
84 GLU N	-25.56	-16.01	77.26	15.00
84 GLU CA			76.47	15.00
84 GLU CB		-14.40		15.00
84 GLU CG	-26.39		74.93	15.00
84 GLU CD 84 GLU OE1	-25.30		73.85	15.00
	-24.76			15.00
84 GLU OE2	-24.98		73.33	15.00
84 GLU C	-24.77		77.38	15.00
84 GLU O	-23.77	-13.09	77.06	15.00
85 ASP N	-25.44		78.51	15.00
85 ASP CA			79.46	15.00
	-26.03	-12.35	80.65	15.00
85 ASP CG			· ·	15.00
85 ASP OD1			79.37	15.00
85 ASP OD2	-27.47	-10.53	81.29	15.00

85 ASP C	-23.62	-12.54	79.98	15.00
85 ASP O	-22.89	-11.55	80.07	15.00
86 ALA N	-23.23	-13.77	80.27	15.00
86 ALA CA	-21.91	-14.09	80.78	15.00
86 ALA CB	-21.95	-15.45	81.49	15.00
86 ALA C	-20.79	-14.09	79.71	15.00
86 ALA O	-19.61	-14.21	80.04	15.00
87 TYR N	-21.16	-13.98	78.44	15.00
87 TYR CA	-20.18	-13.99	77.36	15.00
87 TYR CB	-19.75	-15.44	77.09	15.00
87 TYR CG	-18.36	-15.67	76.52	15.00
87 TYR CD1	-17.82	-14.83	75.54	15.00
87 TYR CE1	-16.55	-15.09	74.99	15.00
87 TYR CD2	-17.60	-16.76	76.94	15.00
87 TYR CE2	-16.34	-17.03	76.40	15.00
87 TYR CZ	-15.82	-16.19	75.42	15.00
87 TYR OH	-14.59	-16.49	74.88	15.00
87 TYR C	-20.90	-13.42	76.14	15.00
87 TYR O	-21.25	-14.15	75.22	15.00
88 PRO N	-21.09	-12.09	76.11	15.00
88 PRO CD	-20.58	-11.10	77.08	15.00
88 PRO CA	-21.77	-11.42	75.00	15.00
88 PRO CB	-21.83	-9.97	75.47	15.00
88 PRO CG	-20.62	-9.82	76.28	15.00
88 PRO C	-21.13	-11.58	73.62	15.00
88 PRO O	-19.92	-11.77	73.47	15.00
89 TYR N	-21.98	-11.45	72.61	15.00
89 TYR CA	-21.56	-11.59	71.22	15.00
89 TYR CB	-22.77	-11.93	70.35	15.00
89 TYR CG	-22.41	-12.26	68.92	15.00
89 TYR CD1	-21.67	-13.41	68.62	15.00
89 TYR CE1	-21.30	-13.71	67.32	15.00
89 TYR CD2				15.00
89 TYR CE2	-22.41	-11.72	66.56	15.00
89 TYR CZ	-21.68	-12.87	66.30	15.00
89 TYR OH	-21.29	-13.15	65.01	15.00
89 TYR C		-10.31		15.00
89 TYR O	-21.45	-9.21	70.89	15.00
90 VAL N	-19.73	-10.45	70.13	15.00
	-19.01	-9.31	69.58	15.00
90 VAL CB	-17.59			15.00
90 VAL CG1	-17.71	-8.96	71.73	15.00
90 VAL CG2	-16.69	-10.31	69.89	15.00

90 VAL C	-18.88	-9.45	68.06	15.00
90 VAL O	-18.50	-8.50		
91 GLY N	<ul> <li>1. A. M. /li></ul>	-10.63	67.53	
91 GLY CA		-10.82	66.09	
91 GLY C	-17.67	-10.74	65.55	
91 GLY 0	-17.44	-10.33		15.00
92 GLN N	-16.71		66.37	
92 GLN CA	-15.31	-11.12	66.00	
92 GLN CB	-14.73	-9.72		
92 GLN CG	-13.35	-9.49	65.65	15.00
92 GLN CD	-12.71	-8.19	66.08	15.00
92 GLN OE1		-7.44	65.24	15.00
92 GLN NE2	-12.73	-7.92	67.39	15.00
92 GLN C	-14.60	-12.19	66.82	15.00
92 GLN O	-15.02	-12.50	67.94	15.00
93 GLU N	-13.54	-12.78	66.26	15.00
93 GLU CA	-12.77	-13.82	66.94	15.00
93 GLU CB	-11.86	-14.56	65.94	15.00
93 GLU CG	-12.59	-15.03	64.68	15.00
93 GLU CD	-11.65		63.57	15.00
93 GLU OE1		-14.88	63.36	15.00
93 GLU 0E2	-12.02		62.88	15.00
93 GLU C		-13.20	68.04	15.00
93 GLU O	-11.31		67.84	15.00
94 GLU N	-11.90		69.20	15.00
94 GLU CA	-11.15		70.36	15.00
94 GLU CB		-12.49	71.25	15.00
94 GLU CG		-11.36	70.48	15.00
94 GLU CD	**	-10.28	71.35	15.00
94 GLU OE1		-10.60		15.00
94 GLU OE2	-13.27		70.94	15.00
94 GLU C	-10.70			15.00
94 GLU O		-15.74		15.00
95 SER N	-9.82		72.10	15 00
95 SER CA	-9.32	-15.60	72.86	15.00
95 SER CB	-8.13	-15.19		15.00
95 SER OG	-8.46			15.00
95 SER C	-10.40			15.00
95 SER O			74.26	15.00
96 CYS N			73.95	
96 CYS CA				15.00
96 CYS C	-11.28 -	**.	•	15.00
96 CYS O			••	15.00

96 CYS CB	-11.10	-19.72	74.74	15.00
96 CYS SG	-12.37	-20.66	75.65	15.00
97 MET N	-12.43	-17.18	76.66	15.00
97 MET CA	-12.57	-16.63	77.99	15.00
97 MET CB	-12.71	-15.10	77.90	15.00
97 MET CG	-12.32	-14.33	79.15	15.00
97 MET SD	-10.53	-14.18	79.36	15.00
97 MET CE	-10.23	-15.44	80.61	15.00
97 MET C	-13.83	-17.23	78.62	15.00
97 MET 0	-14.71	-16.50	79.08	
98 TYR N		-18.55		
98 TYR CA	-15.11	-19.23	79.14	15.00
98 TYR CB	-15.04		78.86	15.00
98 TYR CG		-21.57	79.65	
98 TYR CD1	-17.41	-21.44	79.44	
98 TYR CE1	-18.32	-22.23	80.14	
98 TYR CD2		-22.52	80.59	15.00
98 TYR CE2	-16.51	-23.31		15.00
98 TYR CZ	-17.87		81.06	15.00
98 TYR OH	-18.78	-23.95		15.00
98 TYR C		-19.00		
98 TYR O	-14.22	-19.33	81.36	15.00
99 ASN N	-16.23	-18.37	81.13	
99 ASN CA	-16.39	-18.12	82.56	
99 ASN CB	-17.13	-16.81	82.81	15.00
99 ASN CG	-17.36	-16.54		15.00
99 ASN OD1	-17.39	-17.46	85.12	15.00
99 ASN ND2	-17.54	-15.27	84.65	15.00
99 ASN C	-17.18	-19.27	83.16	15.00
99 ASN 0	-18.38	-19.39		15.00
100 PRO N	-16.53	-20.09	83.98	
100 PRO CD	-15.13	-19.95		15.00
100 PRO CA	-17.17	-21.24	84.63	
100 PRO CB	-16.08			15.00
100 PRO CG	-14.80		84.89	
100 PRO C	-18.43	-20.86		15.00
	-19.41	-21.59		15.00
101 THR N	-18.41	-19.69	86.04	15.00
101 THR CA	-19.54		86.84	
	-19.09		87.95	
101 THR OG1	-18.60	-17.04	87.37	15.00
101 THR CG2	-17.99	-18.90	88.79	15.00
101 THR C	-20.73			15.00

		14.500 (14.10) (14.10) (14.10)		San State Control
101 THR 0	-21.79	-18.43	86.66	15.00
102 GLY N	-20.57	-18.48	84.77	
102 GLY CA	-21.68	-17.98		
102 GLY C	-22.30	-19.14		
102 GLY O		-18.94		
103 LYS N	-21.88	-20.35		
103 LYS CA	-22.36	-21.57		
103 LYS CB	-21.73	-22.79		15.00
103 LYS CG		-24.13		
103 LYS CD	-21.50	-25.25		
103 LYS CE		-25.07		15.00
103 LYS NZ		-26.16	86.10	
103 LYS C		-21.67	82.95	15.00
103 LYS O	-24.50	-21.54	84.00	
104 ALA N	-24.50	-21.89	81.79	15.00
104 ALA CA		-21.97	81.72	15.00
104 ALA CB	-26.48	-20.90	80.77	15.00
104 ALA C	-26.45	-23.35	81.32	15.00
104 ALA O	-27.63	-23.65	81.46	15.00
105 ALA N	1 1 2 1 5 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1	-24.18		15.00
105 ALA CA	-25.91		80.36	15.00
105 ALA CB		-25.48	79.27	15.00
105 ALA C	-24.70	-26.30	79.86	15.00
105 ALA O	-23.56	-25.84	80.00	15.00
106 LYS N	-24.95	-27.48	79.33	15.00
106 LYS CA	-23.93	-28.36	78.78	15.00
106 LYS CB	-23.12	-29.05	79.90	15.00
106 LYS CG	-23.87	-30.12	80.70	15.00
106 LYS CD	-22.93		81.56	15.00
106 LYS CE	-23.66	-31.74	82.65	15.00
106 LYS NZ	-24.38	-32.97	82.21	15.00
106 LYS C	-24.70	-29.41	77.99	
106 LYS 0		-29.23	77.73	15.00
107 CYS N		-30.47	77.57	15.00
107 CYS CA	-24.67	-31.55	76.85	15.00
107 CYS CB	-24.96	-31.18	75 39	15 00
107 CYS SG	-23.57	-31.18	74.26	15.00
TO V CAR C	-23.77 -	-32.77	76 95	15 00
107 CYS O	-22.60	-32.67	77.31	15.00
TOO ARG N	-24.35 -	-33.94	76.70	15.00
108 ARG CA	-23.62 -	-35.19	76.78	15 00
108 ARG CB	-24.30 -	-36.10	77.80	15.00
108 ARG CG	-24.56 -	35.39	79.13	

#### TABLETV

		9 1 13 0 4 1 4 2 2 1 1		4
108 ARG CD	-24.78	-36.37	80.25	15.00
108 ARG NE		-37.03		15.00
108 ARG CZ	50 5,715,8 5,717	-38.29	11.2.2.2	
108 ARG NH1	-25.34		81.03	
108 ARG NH2	-27.55	-38.77	to the last of the first the second	
108 ARG C		-35.88		15.00
108 ARG 0		-37.08		And the second of the second o
109 GLY N	-23.15		74.40	
109 GLY CA		-35.66	44	15.00
109 GLY C	-23.96		气度 抗门关节 计二十分的	15.00
109 GLY O	-24.53		for the control of the co	15.00
110 TYR N	-24.12	-35.71	70.92	15.00
110 TYR CA	-24.99	-35.26	all the second of the second	
110 TYR CB	-24.28		68.99	
110 TYR CG	-23.06			
110 TYR CD1		- 1 4 2 5 1 2 4 5 1 . W. C.	68.67	
110 TYR CE1			67.94	15.00
110 TYR CD2			67.08	15.00
110 TYR CE2		-35.89	66.35	15.00
110 TYR CZ	16 a 1 da 12 a 12 a 12 a 12 a 12 a 12 a 12	-35.54	MANAL PROUBULEDAY	15.00
110 TYR OH	-19.71		66.03	15.00
110 TYR C	-25.41	200 Mar 1 Ma	68.98	anki enwanasa as as
110 TYR O	-24.81	-37.52	69.04	15.00
111 ARG N		-36.20	68.12	15.00
111 ARG CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-37.23	67.23	15.00
111 ARG CB	-28.22	-37.78	67.83	15.00
111 ARG CG	-28.86	-38.97		15.00
111 ARG CD		-38.54		15.00
111 ARG NE	-30.34		65.17	15.00
111 ARG CZ	-31.14	**************************************	The product of the first of the con-	15.00
111 ARG NH1	188 - Per 1888 Burnelli (1886)	-38.13	7 TO ST. W. L. V. C.	15.00
111 ARG NH2	-31.92	-40.30		
111 ARG C	-27.13	-36.60	65.85	15.00
111 ARG O		-35.51	4 GM 260 - 1815 12 - 6 - 11 -	15.00
112 GLU N	-26.67	7 . 7	64.81	
112 GLU CA	-26.82		63.43	15.00
112 GLU CB	-25.52	-37.09	62.65	15.00
112 GLU CG	-24.30	-36.39	63.23	15.00
112 GLU CD	-23.02	-36.62	62.42	15.00
112 GLU OE1	-22.60	-35.70	61.69	15.00
112 GLU OE2	-22.42	-37.70	62.55	15.00
112 GLU C	-27.99	-37.52	62.76	15.00
112 GLU 0				15.00
	**			

113 ILE N	-28.66	-36.80	61.85	15.00
113 ILE CA			61.11	
113 ILE CB	-30.77	-36.21	60.69	
113 ILE CG2		-36.67	59.56	and the second second
113 ILE CG1	-31.62	-35.77	61.89	15.00
113 ILE CD1	-30.84	-35.23	63.06	15.00
113 ILE C	-29.26	-38.07	1 100 000000 000	
113 ILE 0	-28.26	-37.65	59.27	
114 PRO N	-29.88		59.49	15.00
114 PRO CD	-31.02	-39.93	in the second terms of the second	15.00
114 PRO CA	-29.39		58.30	
114 PRO CB	-30.43		The state of the s	15.00
114 PRO CG	-30.91		59.46	15.00
114 PRO C		-38.89	57.15	15.00
114 PRO 0	200	-38.22		15.00
115 GLU N	-28.18		56.57	15.00
115 GLU CA	The second secon	-37.75		15.00
115 GLU CB		-37.89	54.96	
115 GLU CG	-26.25		53.69	15.00
115 GLU CD		-37.66	53.04	15.00
115 GLU 0E1	-25.08			15.00
115 GLU OE2	-23.89		53.58	15.00
115 GLU C	-28.99		54.35	15.00
115 GLU O	-29.14	-38.97	53.79	15.00
116 GLY N	-29.66		54.03	15.00
116 GLY CA		-36.76	52.98	15.00
116 GLY C	-32.05	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	53.37	15.00
116 GLY 0	-33.00	139 K. S. C. C. K. Sect. 11	52.59	15.00
117 ASN N	-32.17	A POST OF THE PROPERTY OF THE	54.60	15.00
117 ASN CA	-33.43		55.09	15.00
117 ASN CB	and the second of the second of the	-39.42		15.00
117 ASN CG	-34.25	-40.47	56.18	15.00
117 ASN OD1	-35.40	-40.19	55.83	15.00
117 ASN ND2	-33.91	-41.67	56.64	15 00
117 ASN C	-34.36	-37.28	55.72	15.00
117 ASN 0	-34.34	-37.10	56.93	15.00
118 GLU N	-35.19	-36.64	54.89	15.00
118 GLU CA	-36.16	-35.64	55.36	15.00
TIS GEO CB	-36.86	-34.94	54.19	15.00
118 GLU CG	-36.01	-33.88	53.50	15.00
118 GLU CD	-36.83	-32.98	52.60	15.00
118 GLU OE1	-36.94	-33.27	51.39	15.00
118 GLU OE2	-37.37	-31.97	53.11	15.00
		A section of the sect		7.7

				•
118 GLU C	-37.21	-36.24	56.30	15.00
	-37.72			
119 LYS N	-37.53		56.08	15.00
119 LYS CA	-38.47	-38.23	56.93	15.00
119 LYS CB	-38.64	-39.66	56.41	
119 LYS CG	-39.73	-39.83		
119 LYS CD	-39.53	-41.10	54.58	
119 LYS CE	-38.51	-40.88		15.00
119 LYS NZ	-38.97	-39.83	52.48	
119 LYS C	-37.91	-38.29	58.36	
119 LYS 0	-38.58	-37.89	59.32	15.00
120 ALA N	-36.70	-38.81	58.51	5
120 ALA CA	-36.06	-38.92	59.81	* 1
120 ALA CB	-34.71	-39.60		
120 ALA C	-35.91	-37.54	60.41	15.00
120 ALA O	-36.06	-37.38	61.61	
121 LEU N	-35.63	-36.55	59.56	15.00
121 LEU CA	-35.48	-35.17	60.05	15.00
121 LEU CB	-35.11	-34.21	58.90	A CONTRACTOR OF THE STATE OF TH
121 LEU CG	-34.87	-32.75		
121 LEU CD1	-33.74	-32.69	60.38	15.00
121 LEU CD2	-34.53		58.12	
121 LEU C	-36.78	-34.71	60.72	15.00
121 LEU O	-36.75		61.83	
122 LYS N	-37.91	-34.94	60.05	15.00
122 LYS CA	-39.23	-34.59	60.56	15.00
122 LYS CB	-40.31			15.00
	-41.74	-34.91	60.12	15.00
	-42.72	-35.57	59.17	15.00
122 LYS CE	-44.11	-35.67	59.76	and the second
122 LYS NZ	-45.10		58.74	15.00
122 LYS C	-39.44	-35.32	61.88	15.00
122 LYS O	-39.88	-34.74	62.87	15.00
123 ARG N	-39.14	-36 61	61 06	15 00
123 ARG CA	-39.28	-37.46	63.03	15.00
123 ANG CB	-38.80 -	-38.87	62.70	15.00
123 ARG CG	-38.84 -	-39.87	63.86	15.00
123 ARG CD	<i>-</i> 37.70 -	-40.88	63.77	15.00
123 ARG NE	-37.37 -	41.20	62.38	15 00
123 ARG CZ	-36.78 -	42.32	61.98	15.00
L23 ARG NHI	-36.45 -	43.25	62.87	15.00
L23 ARG NH2	-36.53 -	42.51	60.69	15.00
L23 ARG C	-38.46 -	36.88	64.19	15.00

WO 97/16177 PCT/US96/17512

		A AND A STATE OF THE STATE OF T		- w
123 ARG O		-36.84		15.00
124 ALA N		-36.42		15.00
124 ALA CA	14.10.17.11	-35.84	64.90	15.00
124 ALA CB	-34.98	-35.61	64.35	15.00
124 ALA C		-34.53	65.45	15.00
124 ALA O		-34.33	66.66	
125 VAL N	-37.41	and the second s		
125 VAL CA		-32.41		15.00
125 VAL CB		-31.48	63 97	15.00
125 VAL CG1	-38.98	-30.19	64.39	1.E
125 VAL CG2	-37.09	-31.17	63.06	15.00
TS2 VAL C	-39.23	-32.65	65.89	15 00
125 VAL 0	-39.46	-31.94	66.87	15.00
126 ALA N	-40.01	-33.67	65.53	15 00
126 ALA CA		-34.03	66.25	15.00
126 ALA CB	-42.03	-35.02	65.44	15.00
126 ALA C		-34.61	67.62	
126 ALA 0	-41.40	-34.14	68.64	
127 ARG N	-40.03	-35.62	67 64	and the second second
127 ARG CA	-39.61	-36.29	68.86	15.00
127 ARG CB	-38.83	-37.54	68.48	
127 ARG CG	-38.45	-38.44	69.64	
127 ARG CD	-39.63		70.13	15.00
127 ARG NE	-40.15	-40.18	69.10	15.00
127 ARG CZ	-41.18	-39.90	68.31	15.00
127 ARG NH1	-41.59	-40.78	67.41	15.00
127 ARG NH2	-41.81	-38.73	68.42	15.00
127 ARG C	-38.75		100	15.00
127 ARG 0	-39.05	-35.36	71.01	
128 VAL N	-37.64	-34.94	69.31	15.00
128 VAL CA	-36.66	-34.21	70.11	
128 VAL CB	-35.23	-34 54	60 E0	15 00
128 VAL CG1	-34.17	-33.72	70.32	15 00
TEO AND CGS	-34.95	-36.02	69.74	15.00
THE VALUE	-36.82	-32.70	70.26	15 00
128 VAL 0	-36./3	-32.17	71.36	15.00
129 GLY N	-37.00	-32.01	69.14	15.00
129 GLY CA	-37.16	-30.56	69.20	15.00
125 GL1 C	-36.36 -	-29.91	68.08	15.00
122 GDI U	~35.89 -	-30.62	67.18	15.00
130 PRO N	-36.19 -	28.57	68.11	15 00
130 PRO CD	-36.66 -	27 66	60 17	15 00
130 PRO CA	-35.45 -	27.83	67.09	15.00

WA	97/16177				P
WO.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		TABLE	<b>IV</b>	•
	130 PRO CB	-35.23	-26.47	67 74	15 00
	130 PRO CG		-26.30	68.52	15.00
	130 PRO C	-34.13	-28.52	66.74	15.00
	130 PRO O	-33.37	-28.91	67.63	15.00
	131 VAL N	-33.90	-28.72	65.45	15.00
	131 VAL CA	-32.71	-29.40	64.97	15.00
	131 VAL CB	-33.13	-30.65	64.15	15.00
	131 VAL CG1	-31.93	-31.36	63.57	15.00
	131 VAL CG2	-33.92	-31.61	65.03	15.00
	131 VAL C	-31.82	-28.49	64.13	15.00
	131 VAL 0	-32.32	-27.69	63.34	15.00
	132 SER N		-28.59		
	132 SER CA	-29.56	-27.79	63.55	15.00
	132 SER CB	-28.18	-27.83	64.22	15.00
	132 SER OG				
	132 SER C	-29.44	-28.37	62.14	15.00
	132 SER 0	-29.41	-29.59	61.96	15.00
	133 VAL N	-29.39	-27.50	61.13	15.00
	133 VAL CA	-29.25	-27.94	59.75	15.00
	133 VAL CB	-30.63	-28.07	59.03	15.00
	133 VAL CG1	-31.40	-29.29	59.53	15.00
	133 VAL CG2	-31.45	-26.80	59.20	15.00
	133 VAL C	-28.37	-27.00	58.94	15.00
	133 VAL 0	-28.12	-25.87	59.34	
	134 ALA N	-27.86	-27.50	57.82	15.00
	134 ALA CA	-27.03	-26.73	56.91	15.00
	134 ALA CB	-25.65	-27.34	56.76	15.00
	134 ALA C	-27.75	-26.73	55.57	15.00
	134 ALA 0	-28.29	-27.76	55.14	15.00
	135 ILE N	-27.80	-25.58	54.94	15.00
	135 ILE CA	-28.49	-25 45	53 66	15 00
	135 ILE CB	-29.82	-24.68	53.82	15.00
	135 ILE CG2	-30.80	-25.45	54.70	15.00
	132 TIE CCT	-29.52	-23.28	54.38	15.00
	TOO THE CUI	-30.72	-22.40	54.52	15.00
	135 ILE C	-27.64	-24.61	52.73	15.00
	135 ILE O	-26.59	-24.09	53.13	15.00
	136 ASP N	-28.09	-24.49	51.49	15.00
	136 ASP CA	-27.42	-23.66	50.51	15.00
	136 ASP CB	-27.50	-24.28	49.11	15.00
	136 ASP CG	-27.02	-23.32	48.02	15.00
	136 ASP OD1	-27.46	-23.49	46.88	15.00
	136 ASP OD2	-26.22	-22.40	48.29	15.00

			in the second of the		
	136 ASP C	-28.19	-22.36	50.54	15.00
	136 ASP 0	-29.34	-22.29	50.10	16 00
	13 / ALA N	-27.58	-21.33	51 11	15 00
	13 / ALA CA	-28.19	-20.02	51 21	15 00
	137 ALA CB	-28.14	-19.54	52.65	15.00
	T3/ ALA C	-27.47	-19.04	50.30	15.00
	137 ALA O	-27.42	-17.85	50.60	15.00
	138 SER N	-26.94	-19.53	49.20	15.00
	138 SER CA	-26.20	-18.66	48 30	15.00
	138 SER CB	-25.12	-19.44	47.57	15 00
	138 SER OG	-25.71	-20.45	46.78	15.00
	138 SER C	-27.06	-17.91	47 29	15 00
	138 SER O	-26.76	-16.77	46 94	15 00
	139 LEU N	-28.12	-18.55	46.82	15.00
	139 LEU CA	-28.99	-17.95	45.82	15.00
	139 LEU CB	-30.12	-18.91	45.46	15.00
	139 LEU CG	-29.76	-20.02	44.48	
	139 LEU CD1	-29.30	-19.40	43 18	
	139 LEU CD2	-28.67	-20.89	45.03	114
	139 LEU C	-29.56	-16.58	46.18	15.00
	139 LEU O	-29.93	-16.32	47 33	15 00
	140 THR N	-29.63	-15.71	45.19	15.00
	140 THR CA	-30.19	-14.37	45.38	15.00
	140 THR CB	-30.06	-13.54	44.09	15.00
	140 THR OG1	-28.67	-13.30	43.82	15 00
	140 THR CG2	-30.80	-12.20	44.20	15.00
	140 THR C	-31.65	-14.43	45.86	15.00
	140 THR O	-32.09	-13.62	46.69	15.00
	141 SER N	-32.38	-15.45	45.40	15.00
	141 SER CA	-33.77	-15.63	45.79	15 00
	141 SER CB	-34.39	-16.77	44.99	15.00
	141 SER OG	-33.78	-18.00		15.00
	141 SER C	-33.89	-15.89	47.29	15 00
	141 SER O	-34.94	-15.63	47.90	15.00
1 2 3 3 3 3 4 27 M	142 PRE N	-32.82	-16.43	47.89	15.00
	142 PHE CA	-32.79	-16.70	49 33	15 00
	142 PHE CB	-31.71	-17.72	49 67	15 00
	142 PHE CG	-31.77	-18.20	51 08	15 00
	142 PHE CD1	-32.45	-19.38	51 39	15 00
	142 PHE CD2	-31.14	-17.49	52.10	15.00
	142 PHE CEL	-32.51	-19 85	52 70	15 00
	142 PHE CE2	-31.20	-17.95	53.41	15.00
	142 PHE CZ	-31.88	-19.14		15.00

142 PHE C	-32.53	-15.40	50.08	15.00
142 PHE 0	-33.22	-15.09	51.06	15.00
143 GLN N	-31.55	-14.64	49.60	
143 GLN CA	-31.19	-13.38	50.22	
143 GLN CB		-12.72		
143 GLN CG	-29.68	-11.32	49.94	15.00
143 GLN CD		-10.81		
143 GLN OE1		-9.62	2.5 41.9 51.5 5 55	15.00
143 GLN NE2	-27.56	-11.71		15.00
143 GLN C	-32.38	-12.43	50.33	
143 GLN 0	-32.57			
144 PHE N	-33.22	-12.40	49.30	15.00
144 PHE CA	-34.36	-11.50	49.31	
144 PHE CB	-34.41	-10.73	47.98	
144 PHE CG	-33.22	-9.85	47.75	15.00
144 PHE CD1	-33.13	-8.59	48.35	15.00
144 PHE CD2	-32.17	-10.27	46.94	15.00
144 PHE CE1	-32.02	-7.77	48.15	
144 PHE CE2	-31.05	-9.46	46.73	2000 100 100 100 100 100 100 100 100 100
144 PHE CZ	-30.98	-8.21	47.34	
144 PHE C	-35.73			
144 PHE 0	-36.77	-11.52	49.38	
145 TYR N		-13.30	50.26	
145 TYR CA	-36.97	-13.98	50.63	15.00
145 TYR CB	-36.68	-15.35	51.26	15.00
145 TYR CG		-15.98	17 St 200 Garage 11	15.00
145 TYR CD1		-16.89		
145 TYR CE1		-17.45	51.89	15.00
145 TYR CD2	-38.21	-15.66	53.26	15.00
145 TYR CE2		-16.22	53.90	
145 TYR CZ		-17.12	53.21	15.00
145 TYR OH	-41.21	-17.68	53.85	15.00
145 TYR C	-37 81	_12 1 C	E1 (2)	15 00
+43 11V O	-31.41	-12.49	·52 50	15 00
TAO SEK N	-39.13	-13.26	51.50	15.00
146 SER CA	-40.03	-12.55	52.41	15.00
146 SER CB	-40.33	-11 12	51.96	15:00
146 SER OG	-40.50	-11.03	50.57	15.00
146 SER C	-41.31	-13.30	52.73	15.00
146 SER O	-41.74	-13.31	53.88	15.00
L47 LYS N	-41.89	-14.00	51.76	15.00
L4/ LYS CA	-43.13	-14.74	51.99	15.00
47 LYS CB	-44.34	-13.80	51.82	15.00

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			Sand the same of the said	
147 LYS CG	-44.60	-12.90	5305	15.00
147 LYS CD	-45.56	-11.75	52.75	
147 LYS CE	-45.63		53.91	
147 LYS NZ	5 (200) 1 5 6 7	-11.32	55.15	
147 LYS C		-15.99	51.13	0.00
147 LYS 0		-16.13	50.07	. , . – – • • •
148 GLY N		-16.92		
148 GLY CA		-18.14	50.87	
148 GLY C		-19.22	51.18	
148 GLY O		-19.00	51.90	100
149 VAL N		-20.42	50.67	15.00
149 VAL CA		-21.53	50.90	15.00
149 VAL CB	-43.43		120	15.00
149 VAL CG1	-42.46		<ul><li>しますときの発光を見られる。</li></ul>	15.00
149 VAL CG2	-44.49		51.80	
149 VAL C	-41.56	-21.34	49.88	15.00
149 VAL 0	the second secon	-21.30	48.67	15.00
150 TYR N	-40.34	-21.13	50.37	15.00
150 TYR CA	-39.19	-20.92		15.00
150 TYR CB	-37.99		50.30	
150 TYR CG		-20.27	49.46	15.00
150 TYR CD1	-36.48	-19.11	48.72	15.00
150 TYR CE1	-35.31	-18.98	47.96	15.00
150 TYR CD2	-35.77	-21.30	49.41	15.00
150 TYR CE2	-34.59		48.65	15.00
150 TYR CZ	-34.37		47.93	15.00
150 TYR OH	-33.22	1	47.19	15.00
150 TYR C	The first term of the first of	-22.18		15.00
150 TYR O	-38.87	-23.29	49.30	15.00
151 TYR N		-21.98	47.54	15.00
151 TYR CA	-37.87	-23.07	46.68	15.00
151 TYR CB	-39.07	-23.95	46.31	15.00
151 TYR CG	-38.80	-25.01		15.00
151 TYR CD1	-38.36		45.62	
151 TYR CE1	-38.19	-27.27	44.66	15.00
151 TYR CD2	-39.05	-24.75	43.92	15.00
TOT TYR CE2	-38.88	-25.73	42.96	15.00
131 TIR CZ	-38.46	-26.98	43.33	15.00
151 TYR OH	-38.34	-27.95	42.36	15.00
151 TYR C	-37.24	-22.44	45.44	15.00
151 TYR 0	-37.66	-21.37	45.00	15.00
TOS WOL IN	-36.22	-23.11	44.89	15.00
152 ASP CA	-35.52	-22.62	43.70	15.00

		2-7		
152 ASP CB	-34.55	-21.50	44.08	15.00
152 ASP CG		-20.77	42.87	
152 ASP OD1	-33.75	-21.39		
152 ASP OD2	-33.72	-19.56		15.00
152 ASP C	-34.75	-23.77		
152 ASP 0	-33.90	-24.38	43.73	
153 GLU N	-35.01	-24.02	41.79	15.00
153 GLU CA	-34.35	-25.09	41.04	15.00
153 GLU CB	-34.78	-25.06	39.56	15.00
153 GLU CG	-36.22	-25.45	39.26	15.00
153 GLU CD	-36.59	-25.21	37.78	
153 GLU OE1	-37.05	-24.09		15.00
153 GLU OE2	-36.40		36.96	15.00
153 GLU C	-32.84	-24.95	41.09	15.00
153 GLU 0	-32.12		40.99	
	-32.38	-23.71	41.20	15.00
154 SER CA		-23.41	41.24	15.00
154 SER CB	-30.73	-21.93	40.92	15.00
154 SER OG	-31.33		39.69	
	-30.25	-23.78	42.55	15.00
154 SER 0	-29.02	-23.75	42.63	15.00
	-31.02	-24.11	43.58	15.00
155 CYS CA	-30.44	-24.46	44.87	15.00
155 CYS C	-29.58	-25.72	44.76	15.00
155 CYS 0	-29.98	-26.72	44.17	15.00
	-31.53	-24.65	45.92	15.00
	-31.12	-23.81	47.48	15.00
156 ASN N	-28.40	-25.67	45.35	15.00
156 ASN CA	-27.48	-26.80	45.29	15.00
156 ASN CB	-26.09		44.91	15.00
	-25.15		44.45	15.00
156 ASN OD1	-25.21	-28.54	44.94	15.00
156 ASN ND2	-24.26	-27.05	43.53	15.00
156 ASN C	-27.42	-27.58	46.61	15.00
156 ASN 0	-26 99	-27 NS	17 61	15 00
157 SER N	-27.80	-28.85	46.54	15.00
-0.0000	-27.02	-43.12	41.11	15.00
L57 SER CB	-28.66	-30.98	47.45	15.00
157 SER OG	-28.07	-31.81	46.47	15.00
L57 SER C	-26.43	-30.14	48.17	15.00
157 SER O	-26.27	-30.76	49.23	15.00
.58 ASP N	-25.42	-29.82	47.37	15.00
58 ASP CA	-24.06	-30.18	47.69	15.00

	. i - i - i - i - i - i - i - i - i - i		and a supplemental control of	_
158 ASP CB	-23.44	-30.99	46.55	15.00
158 ASP CG		-32.49		
158 ASP OD1	-24.30	-33.11	45.78	
158 ASP OD2		-33.05	47.75	
158 ASP C		-29.01		
158 ASP 0	-22.19	-29.21	48.79	15.00
159 ASN N	-23.67			
159 ASN CA	-22.95	1 100 mg 1 1 2 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1	48.28	
159 ASN CB	-23.04		47.22	
159 ASN CG	-22.27	-24.23		
159 ASN OD1	-21.81	-24.09		2.5.54
159 ASN ND2				
159 ASN C	-23.55			15.00
159 ASN 0	-24.20	-25.06	49.67	15.00
160 LEU N	-23.38		50.68	15.00
160 LEU CA	-23.91	-26.47	51.98	15.00
160 LEU CB	-23.83	-27.61	52.99	15.00
160 LEU CG			52.62	15.00
160 LEU CD1	AC 2550 (Call 18)	-29.89		
160 LEU CD2		-28.71		15.00
160 LEU C		-25.30		15.00
160 LEU O	-21.82		52.46	15.00
161 ASN N	-23.65		52.70	15.00
161 ASN CA	-22.86		53.07	15.00
161 ASN CB	-22.59		51.83	
161 ASN CG	-23.82		50.98	15.00
161 ASN OD1	-24.77		51.38	15.00
161 ASN ND2	4 5 5.61. 5 5 6.665 (1)	-22.51	49.81	15.00
161 ASN C	-23.40		54.20	15.00
161 ASN 0	-22.80		54.54	15.00
162 HIS N	-24.47	-22.55		15.00
162 HIS CA	-25.07	-21.78	55.92	15.00
162 HIS CB	-26.12	-20.83	55.33	15.00
162 HIS CG	-26.58	-19.75	56 27	15 00
102 HIS CD2	-27.81	-19.22	. 56 48	15 00
TOT HIS WILL	-45.13	-19.08	57.12	15.00
162 HIS CE1	-26.41	-18.20	57.83	15.00
162 HIS NE2	-27.68	-18.27	57.46	15.00
162 HIS C	-25.71	-22.76	56.91	15.00
162 HIS O	-26.37	-23.71	56.50	15.00
163 ALA N	-25.40	-22.58	58.19	15.00
163 ALA CA	-25.96	-23.43	59.24	15.00
163 ALA CB	-24.95	-23.66	60.35	15.00

	and the second			
163 ALA C	-27.17	-22.65	59.74	15.00
163 ALA 0		-21.42		
164 VAL N		-23.34		
164 VAL CA	-29.51	-22.71	60.36	
164 VAL CB	-30.30	-22.38		
164 VAL CG1		-23.48		
164 VAL CG2	-30.90	-20.99	59.15	
164 VAL C	-30.30	-23.60	61.34	
164 VAL 0	-29.89	-24.73		
165 LEU N	-31.40		61.89	15.00
165 LEU CA	-32.18	-23.86	62.86	
165 LEU CB	-32.27	-23.11		15.00
165 LEU CG	-32.79			
165 LEU CD1	-31.76	-24.89	65.90	
165 LEU CD2	-33.13	-22.90	66.57	
165 LEU C	-33.58			
165 LEU 0	-34.39	-23.42	62.03	
166 ALA N	-33.85	-25.57	62.43	
166 ALA CA	-35.15	-26.11	62.05	15.00
166 ALA CB	-35.00	-27.51	61.50	15.00
166 ALA C	-35.99	-26.11		15.00
166 ALA O	and the deposit of the first of the second	-26.91		15.00
167 VAL N	-36.94		63.39	
167 VAL CA			64.55	
167 VAL CB	-37.81	-23.60	65.03	15.00
	-38.83			15.00
167 VAL CG2			66.50	
167 VAL C			64.33	15.00
	-40.15		65.14	15.00
168 GLY N	-39.44	-26.31	63.24	
168 GLY CA	-40.76	-26.84	62.97	
168 GLY C	-40.97	-27.25	61 53	15 00
168 GLY 0	-40.02	-27.37	60.74	15.00
109 TIK N	-42.23	-27.48	61.20	15.00
169 TYR CA	-42.67	-27.89	59.87	15.00
169 TYR CB 169 TYR CG	-42.21	-29.33	59.54	15.00
169 TYR CG	-42.75	-30.41	60.46	15.00
169 TYR CD1	-43.94	-31.09	60.16	15.00
169 TYR CE1	-44.43	-32.10	60.99	15.00
169 TYR CD2	-42.06	-30.79	61.61	15.00
169 TYR CE2	-42.53	-31.80	62.45	15.00
169 TYR CZ	-43.71	-32.45	62.13	15.00
169 TYR OH	-44.15	-33.47	62.94	15.00

169 TYR C	-44.18	-27.80	59.84	15.00
169 TYR O	-44.84	-27.82	60.88	15.00
170 GLY N	A.A	-27.73	58.64	15.00
170 GLY CA	3 <b>38 - 2</b> 2 - 23 - 7 - 7	-27.63	58.48	15.00
170 GLY C	-46.53	-27.64	57 01	15.00
170 GLY 0	-45.73	-28.04	56.18	15.00
171 ILE N	A. A. C. C. C. A. A. C. C.	-27.14	56.69	15.00
171 ILE CA	-48.16	-27.09	55.30	15.00
171 ILE CB	-48.95	-28.37	54.91	15.00
171 ILE CG2		-28.69	55 91	15 00
171 ILE CG1	-49.52	-28.25	53.51	15.00
TAT THE CDI	-50.20	-29.53	53 05	15 00
171 ILE C	-48.97	-25.82	55 09	15 00
1/1 TPE O	-49.84	-25.48	55.89	15.00
1/2 GLN N	-48.59	-25.07	54.05	15.00
172 GLN CA	-49.21	-23.80	53.72	15.00
172 GLN CB	-48.19	-22.67	53 89	15 00
172 GLN CG	-48.68	-21.32	53.45	15.00
TAS GIM CD	-47.73	~20.20	53 84	15 00
1/2 GLN OE1	-47.84	-19.61	54.92	15.00
1/2 GLN NE2	-46.78	-19.89	52 96	15 00
172 GLN C	-49.73	-23.81	52.29	15.00
	-40.70	-23.96	51.33	15 00
173 LYS N	-51.04	-23.64	52.17	15.00
1/3 LYS CA	-51.73	-23.62	50.88	15.00
173 LYS CB	-51.37	-22.35	50.09	15.00
173 LYS CG	-51.48	-21.01	50.88	15.00
1/3 TAS CD	-52.85	-20.77	51.55	15.00
173 LYS CE	-54.02	-20.84	50.56	15.00
1/3 LYS NZ	-53.89	-19.90	49.41	
173 LYS C	-51.39	-24.87	50.08	15.00
173 LYS 0	-51.27	-24.82	48.87	15.00
1/4 GLY N	-51.22	-25.99	50.77	15.00
174 GLY CA	-50.91	-27.24	50.10	15.00
174 GLY C		-27.58	50.06	15.00
174 GLY O	-49.07		49.74	15.00
175 ASN N	-48.59	-26.65	50.48	15.00
175 ASN CA	-47.15	-26.87	50.44	15.00
1/5 ASN CB	-46.44	-25.64	49.88	15.00
175 ASN CG	-47.06	-25.14	48.59	15.00
175 ASN OD1	-47.08		47.58	15.00
175 ASN ND2	-47.56		48.62	15.00
175 ASN C	-46.54	-27.23	51.79	15.00

175 ASN 0	-46.63	-26.46	52.74	15.00
176 LYS N		-28.40		
176 LYS CA	-45.28	-28.84	53.09	
176 LYS CB	-44.98	-30.33		
176 LYS CG	-46.23	-31.18	52.84	15.00
176 LYS CD		-32.63		15.00
176 LYS CE		-33.48		15.00
176 LYS NZ	-46.84	-34.93		15.00
176 LYS C	-44.00		53.20	15.00
176 LYS 0	-43.37	-27.73		15.00
177 HIS N	-43.59			15.00
177 HIS CA		-26.88		15.00
177 HIS CB	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25.39		
177 HIS CG			55.64	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
177 HIS CD2	しんごう しゅんじ がきかし	-24.68		
177 HIS ND1		-24.70		15.00
177 HIS CE1	1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	-24.31		
177 HIS NE2			57.55	15.00
177 HIS C		-27.10	55.88	المراب فيحرب
177 HIS O			56.78	15.00
	-40.52			15.00
178 TRP CA	-39.69		57.18	15.00
	-38.24		56.79	
178 TRP CG	-38.01	-28.23	56.31	
178 TRP CD2		-29.45		15.00
178 TRP CE2		-30.50	56.22	15.00
178 TRP CE3	-38.56		58.37	1 1 1 4 1 1 1 1
178 TRP CD1		-28.59		15.00
178 TRP NE1		-29.95		15.00
178 TRP CZ2	-37.73		56.64	15.00
178 TRP CZ3		-31.08	58.79	1.3
178 TRP CH2	-38.14	176	57.92	Standard Comme
178 TRP C	-39.73			15.00
178 TRP 0	-39.68		56.97	
179 ILE N		-24.97	59.05	
179 ILE CA		-23.65		
179 ILE CB		-23.55	60.84	15.00
179 ILE CG2	-40.95	-22.10		15.00
179 ILE CG1	-42.29		60.43	
179 ILE CD1	-43.32		61.55	
179 ILE C	-38.47			15.00
179 ILE 0	-37.96		61.00	15.00
180 ILE N		-22.52	59.36	15.00
			ب ود.رد	13.00
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180 ILE CA		-22.23	59.61	15.00
180 ILE CB		-22.34		
180 ILE CG2	-34.14			
180 ILE CG1		-23.74		1 17
180 ILE CD1	-35.52			
180 ILE C	-36.13	-20.88		
180 ILE O	-36.68			
181 LYS N	-35.24	-20.90		
181 LYS CA	-34.84	-19.72	61.99	
181 LYS CB	-34.77	-20.06	63.48	
181 LYS CG	-34.66	-18.84	64.35	15.00
181 LYS CD	-34.34	-19.17	65.79	15.00
181 LYS CE	-34.16		66.56	15.00
181 LYS NZ	-33.69	-18.09	67.94	15.00
181 LYS C	-33.46	-19.27	61.49	15.00
181 LYS O	-32.50	-20.03	61.56	15.00
182 ASN N	-33.37	-18.05	60.98	15.00
182 ASN CA	-32.11	-17.52	60.47	15.00
182 ASN CB	-32.33	-16.76	59.15	15.00
182 ASN CG	-31.05	-16.64	58.29	15.00
182 ASN OD1		-17.21	58.60	15.00
182 ASN ND2	-31.15	-15.91	57.18	15.00
182 ASN C	-31.43	-16.62	61.51	15.00
182 ASN 0	-32.00		62.57	15.00
183 SER N	-30.18	-16.25	61.24	15.00
183 SER CA	-29.43	-15.38	62.14	15.00
183 SER CB		-16.13	62.75	15.00
183 SER OG		-16.78	61.76	15.00
183 SER C			61.44	15.00
183 SER O		-13.63	61.66	15.00
184 TRP N		-13.52	60.59	15.00
184 TRP CA		-12.28	59.88	15.00
184 TRP CB	-29.69	-12.45	58.37	15.00
184 TRP CG	-28.71	-13.44		15.00
184 TRP CD2	-28.74		56.44	
184 TRP CE2			56.30	
184 TRP CE3	-29.60	-13.83	55.34	15.00
184 TRP CD1				15.00
184 TRP NE1		14.81	57.50	15.00
184 TRP CZ2			55.13	15.00
184 TRP CZ3				15.00
184 TRP CH2			54.07	15.00
184 TRP C		11.11		15.00

			W	
184 TRP 0	-30.51	-10.09	59.72	15.00
185 GLY N	-30.84	-11.25	61.63	15.00
185 GLY CA	-31.67	-10.22	62.24	15.00
185 GLY C		-10.43		
185 GLY 0		-11.18		
186 GLU N	-33.99		62.68	
186 GLU CA	-35.45	-9.83		
186 GLU CB		-9.31		
186 GLU CG	-35.94	-10.14	64.97	15.00
186 GLU CD	-37.15	-10.15		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
186 GLU OE1	-38.26		2 2 3 3 3 3	
186 GLU OE2		-9.81		
186 GLU C	-36.05		61.27	
	-37.10	-9.56	and the second	15.00
187 ASN N	-35.38	-8.12		
	-35.89		59.59	15.00
	-35.32	and the state of t	59.52	15.00
187 ASN CG		-5.04		
187 ASN OD1	-35.82	-3.83	60.39	15.00
187 ASN ND2	-36.62	-5.58	61.56	15.00
187 ASN C		-8.14		A
187 ASN 0	-35.82		57.22	15.00
188 TRP N	-35.12		A CONTRACT OF THE STATE OF THE	15.00
188 TRP CA			57.17	15.00
188 TRP CB	-33.42	Same and the Same		15.00
*				
188 TRP CD2	-33.54	-13.23	56.17	15.00
188 TRP CE2		-13.75	10.00	15.00
188 TRP CE3	-34.14		57.10	
188 TRP CD1	-32.60	-11.59	54.97	15.00
188 TRP NE1		-12.73		
188 TRP CZ2	-33.44	-15.08	54.52	15 00
188 TRP CZ3	-34.39	-15.42	56.74	15.00
188 TRP CH2	-34.03	-15.90		15.00
188 TRP C	-35.88	-11.27	57.03	15.00
188 TRP 0	-36.45		58.04	
189 GLY N		-11.69		
189 GLY CA	-37.13	-12.72	55.53	15.00
189 GLY C	-38.45	-12.40	56.21	15.00
189 GLY 0			56.15	15.00
	-39.07	-13.38		15.00
190 ASN CA	-40.33		57.55	
		-14.27	57.29	

WO 97/16177

				p 280 1966.	
97/16177	8				CT/US96/17512
		TABLE	<b>IV</b>		
190 ASN CG	-42.74	-13.89	57 69	15.00	
190 ASN OD1	-42 98	-12 99	E0 35		
190 ASN ND2	-43.69	-14 70	57 26	15 00	
190 ASN C	-40.03	-13.04	59.04	15.00	
190 ASN 0	-40.09	-14.04	59.76	15.00	
191 LYS N	-39.68	-11.83	59.40	15.00	
191 LYS CA	-39.34	-11.59	60 00	75 00	
191 LYS CB	-40.57	-11.79	61 81	15.00	
191 LYS CG	-41.66	-10.76	61 63	15.00	
191 LYS CD	-42.98	-11 22	62 22		
191 LYS CE	-43.69	-12.29	61 41	15.00	
191 LYS NZ	-42.88	-13.54	61 16	15.00	
191 LYS C	-38.18	-12.50	61 33	15.00	
191 LYS 0	-38.18	-13.07	62 44	15 00	
192 GLY N	-37.22	-12.67	60.43	15.00	
192 GLY CA	-36.06	-13 51			
192 GLY C	-36.27	-14 00	CO		
192 GLY 0	-35.41	-15.81	60.78	15.00	
193 TYR N	-37.40	-15.34	59.87	15.00	
193 TYR CA	-37 69	-16 74	EO EO		
193 TYR CB	-38.93	-17.20	60.33	15 00	
193 TYR CG	-38.68	-17.49	61.78	15.00	
193 TYR CD1	-38.81	-16.48	62.74	15.00	
193 TYR CE1	-38.56	-16.73	64 09	15 00	
193 TYR CD2	-38.31	-18.77	62.20	15 00	
193 TYR CE2	-38.06	-19.03	63.55	15 00	
193 TYR CZ	-38.18	-18 01	64 49	15 00	
193 TYR OH	-37.91	-18.26	65.81	15 00	
193 LIK C	-37.92	-16.95	58.10	15.00	
193 TYR O	-38.22	-16.01	57.36	15.00	
194 ILE N	-37.81	-18.21	57 68	15 00	
194 ILE CA	-38.04	-18 60	56 21	15 00	
134 THE CB	-36.73	-18.55	55.43	15 00	
134 THE CG2	-35.60	-19 33	56 00	15.00	
194 ILE CG1	-37.01	-19.10	54.03	15.00	
194 TIE CD1	-35.85	-18.96	53.07	15.00	
194 ILE C	-38.63	-20.00	56.30	15.00	
194 ILE 0	-38.16	-20.88	57.01	15.00	
195 LEU N	-39.72	-20.18	55 55	15 00	
195 LEU CA	-40.34	-21.49	55.42	15 00	
TAD TEO CB	-41.87	-21.37	55.28	15.00	
195 LEU CG	-42.73 -	-20.47	56.17	15.00	
195 LEU CD1	-44.18	-20.60	55.73	15.00	

7 × 1 + 1 .		41.50 32.50 47.5	NO STATE OF	
195 LEU CD2	-42.58	-20.81	57.65	15.00
195 LEU C	-39.76	-22.05	54.13	15.00
195 LEU O		-21.45		and the second of
196 MET N	-39.03	-23.15	54.22	
196 MET CA	-38.43	-23.75	53.02	15.00
196 MET CB		-24.02		
196 MET CG		-22.77		
196 MET SD		-23.13	54.06	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
196 MET CE	-33.70	-23.51	52.45	15.00
196 MET C	-39.16	-25.05	52.64	15.00
196 MET 0	-39.62	-25.77	53.52	15.00
197 ALA N	-39.26	-25.34		5.45,945,93
197 ALA CA	-39.95	-26.53		
197 ALA CB		-26.63		
197 ALA C	-39.52	-27.84	51.52	
197 ALA O	-38.32	-28.08		15.00
198 ARG N		-28.68	The first of the state of the s	15.00
198 ARG CA	-40.27	-29.98		15.00
198 ARG CB	-41.04	-30.07	53.81	
198 ARG CG	-41.06	1 7 3.24		
198 ARG CD			55.94	1,779,71
198 ARG NE	-42.61		56.26	
198 ARG CZ	-43.75		7 4 7 199 7 7 7 1 1	15.00
198 ARG NH1	-43.78		7	15.00
198 ARG NH2	-44.87	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	56.70	15.00
198 ARG C	the state of the s	-31.09	20 08:27 - A-4 - 2	15.00
198 ARG O	-41.79	ニーラジン いっぱつ	50.96	
199 ASN N	-39.95	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	51.52	
199 ASN CA	-40.22		50.68	15.00
199 ASN CB		-33.97	50.99	
199 ASN CG	-41.67	A CONTRACTOR OF THE PARTY OF TH	52.39	
199 ASN OD1	-40.69			
199 ASN ND2	-42.85	-34.99	52.77	15.00
199 ASN C	-40.16	-32.94	49.21	15.00
199 ASN 0	-40.84			
200 LYS N	-39.35	-31.93	48.91	15 00
200 LYS CA	-39.21	-31.49	47.55	15.00
200 LYS CB	- '	-29.99		
200 LYS CG	-40.30			
200 LYS CD	-41.12	-28.37	46.46	15 00
200 LYS CE	-42.16	-28.18	45.36	15.00
200 LYS NZ	-41.56	-28.02	43.99	15.00
200 LYS C	-37.78	-31.85	47.17	15.00

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				117
200 LYS 0	-36.94	-30.98	46.93	15.00
201 ASN N	-37.51			a takili sa
201 ASN CA	-36.21	-33.69	46.86	
201 ASN CB	-35.94	-33.51	45.37	15.00
201 ASN CG	-36.89	-34.30	44.52	15.00
201 ASN OD1	-37.20	-35.46	44.81	
201 ASN ND2	-37.40	-33.66	43.47	15.00
201 ASN C	∵-35.03	-33.16	47.67	* * . * . **
201 ASN 0	-33.94	-32.96	47.11	
202 ASN N	-35.23	-33.00	48.98	15.00
202 ASN CA	-34.18	-32:51	49 89	15.00
202 ASN CB	-33.04	-33.54	49.99	Control of the Contro
202 ASN CG	-32.05	-33.23	51.10	1. 1 March 1981
202 ASN OD1		-32.67	52.14	15.00
202 ASN ND2	-30.79	-33.59	50.89	15.00
202 ASN C	-33.66	-31.16	49.41	15.00
202 ASN 0	-32.46	-30.95		
203 ALA N	-34.57		49.18	20 and 2 22
203 ALA H	-35.42	-30.45	49.60	15.00
203 ALA CA	-34.31	-28.90	48.63	15.00
203 ALA CB	-35.55			15.00
203 ALA C	-33.20	-28.21		15.00
203 ALA 0	-33.27		50.64	15.00
204 CYS N		-27.72	48.68	15.00
204 CYS CA	-31.05			15.00
204 CYS C	-30.21		50.22	15.00
204 CYS 0	-29.44		50.97	15.00
204 CYS CB	-31.51		49.86	15.00
204 CYS SG	-32.47		48.82	15.00
205 GLY N	-30.37		50.27	15.00
205 GLY CA	-29.60			15.00
205 GLY C	-30.01		52.66	15.00
205 GLY 0	-29.23	-30.21	53.55	15.00
206 ILE N	-31.27		52.90	15.00
206 ILE CA	-31.84	-29.38	54.25	15.00
206 ILE CB	-33.38	-29.05	54.17	15.00
206 ILE CG2	-34.13	-30.21	53.53	15.00
206 ILE CG1	-33.94	-28.69	55.54	15.00
206 ILE CD1	-33.54	-27.31	56.02	15.00
206 ILE C	-31.59	-30.57		15.00
	-31.42		TO 10 TO	15.00
			and the second of the first	15.00
207 ALA CA	-31.27	-32.95	55.49	15.00

-28.32 -32.12 60.48 15.00

-27.80 -32.92 64.15 15.00

-28.46 -32.19 65.33 15.00 -29.01 -31.09 65.17 15.00

-28.43 -32.83 66.50 15.00

-28.98 -32.24 67.71 15.00

68.05 15.00

15.00

-30.46 -32.59 67.86 15.00

-28.18 -32.66 68.96 15.00

-26.28 -32.97 64.37 15.00

210 ALA C -27.94 -32.94 61.72 15.00

210 ALA 0 -27.57 -34.09 61.63 15.00 211 SER N -28.10 -32.29 62.88 15.00

211 SER OG -25.71 -31.66 64.34 15.00

212 PHE CG -30.74 -34.06 67.93 15.00

212 PHE CD1 -31.03 -34.79 66.77 15.00 212 PHE CD2 -30.76 -34.72 69.16 15.00 212 PHE CE1 -31.34 -36.13 66.83 15.00

212 PHE CE2 -31.06 -36.08 69.22 15.00

212 PHE 0 -27.65 -33.77 69.03 15.00

-31.35 -36.79

213 PRO N -28.03 -31.76 69.92

-29.80 -32.37 60.21 15.00

210 ALA H

210 ALA CB

210 ALA 0

211 SER CA

211 SER CB

211 SER C

211 SER 0 212 PHE N

212 PHE CA

212 PHE CZ

212 PHE C

212 PHE CB

210 ALA CA

	- 10 - 12 全全 2 2 6 7 7 7 8 7			1 · · ·	
	213 PRO CD		-30.37	69.98	15.00
	213 PRO CA	-27.28	-32.11	71.13	15.00
	213 PRO CB	-27.07	-30.76	71.79	15.00
	213 PRO CG	-28.33	-30.03		15.00
	213 PRO C	-28.10		72.01	15.00
	213 PRO 0		-33.00	71.95	15.00
	214 LYS N	-27.42	-33.86	72.90	15.00
	214 LYS CA		-34 7B	72.75	15.00
	214 LYS CB	-27:64	-36.23	72 50	15.00
	214 LYS CG	-27.92	-36.75	72 10	15.00
	214 LYS CD	-27.72	-38.26	72.10	
	214 LYS CE	-26.29	-38.66	72.00	15.00
	214 LYS NZ	-26.00	-30.00	72.30	15.00
	214 LYS C	-27.60	-34.34	71.09	15.00
		-26 43	-24.24	75.10	15.00
	ar in the first of the control of th	-26.43 -28.50	-24 20		
	215 MET CA	-20.30	-34.30	1.57	15.00
	215 MET CB	-20.12 -20.07	-33.90	43.843 t. PRIAT	15.00
	215 MET CG	-28.97 20.06	-32.72	77.89	15.00
	. M. C M. N	1 1 70 0 5 5	-31.51	76.95	15.00
	215 MET SD 215 MET CE	-29.63	-30.02	77.75	15.00
			-28.69	76.95	
	215 MET C	-28.26	-35.09	78.36	
的第三人称单数	215 MET OT1		-34.95	79.55	15.00
	215 MET OT2		-36.17	77.89	15.00
	216 HOH OH2	-26.08	-16.55	83.97	15.00
	217 HOH OH2	-20.53	-32.33	79.43	15.00
	218 нон он2	-31.21	-16.22	65.49	15.00
	219 нон он2		-18.19	68.23	15.00
	220 нон он2	-6.96	-10.59	69.84	15.00
	221 нон он2	-15.23	-12.63	73.08	15.00
	222 НОН ОН2	-34.53	-23.51	69.96	15.00
	223 нон он2		-33.08		15.00
	224 нон он2		-17.71	57.57	15.00
	225 нон он2	-24.92	-31.02	61.65	15.00
	226 нон он2	-12.76	-8.21	61.82	15.00
	227 нон он2	-14.16	-21.69	66.48	15.00
	228 нон он2	-44.08	-26.87	48.48	15.00
	229 НОН ОН2	-44.49	-35.40	55.40	15.00
4. 电复数管管管	230 нон он2	-39.27	-16.80	68.54	15 00
	231 HOH OH2	-24.12	-35.40	48 13	15 00
	232 нон он2	-9.62	-25.46	63.42	15 00
	233 HOH OH2	-46.02	-25.14	44.36	15.00
	234 нон он2	-27.99	-19.44	61.96	15.00

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WOSMICITY		TABLE	<b>IV</b>	
235 нон он2	-22 10	-30.02	61 67	15.00
236 НОН ОН2	-27.35	-15.73	71 93	15.00
237 нон он2	-29.19	-17.48		15.00
238 НОН ОН2	-29.55	-22.69	83.52	15.00
239 нон он2	-35.73	-26.96	51.77	15.00
240 HOH OH2	-36.27	-24.64	49 31	15.00
241 HOH OH2	-46.67	-33.01	57.38	15.00
242 НОН ОН2	-27.40	-10.90	68.66	15.00
243 НОН ОН2	-42.01	-15.97	60.76	15.00
244 НОН ОН2	-18.00	-3.18	62.85	15.00
245 HOH OH2	-33.49	-28.43	70.56	15.00
246 HOH OH2	-44.87	-25.33	75.86	15.00
247 нон он2	-17.32	-10.85	74.90	15.00
248 HOH OH2	-11.45	-17.84	66.51	15.00
249 HOH OH2	-11.56	-21.89	82.27	15.00
250 нон он2	-28.01	-35.21	58.24	15.00
251 нон он2	-35.05	-10.64	53.00	15.00
252 нон он2	-31.64	-28.63	46.10	15.00
253 нон он2	-35.04	-24.79	46.85	15.00
254 HOH OH2	-41.38	-35.11	55.81	15.00
255 HOH OH2	-40.44	-19.77	71.52	15.00
256 HOH OH2	-43.66	-16.34	65.70	15.00
257 HOH OH2	-39.00	-11.99	70.39	15.00
258 HOH OH2	-30.92	-9.07	66.51	
259 HOH OH2	-32.51	-6.89	60.41	15.00
260 HOH OH2	-13.20	70.29	62.91	15.00
261 НОН ОН2 262 НОН ОН2	-32.07	-44 92		
263 нон он2	-32.87	-24.32	73.87	15.00
264 HOH OH2	-8.83	-24.01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.04 S.M. Adv. 10. Mil.
265 HOH OH2	-17 23	-39 22	60.26	15.00
266 нон он2	-21.10	-32 62	61.09	15.00
267 HOH OH2		-33.44	60.85	15.00
268 нон он2	-6.37	-28.13	76.25	15.00
269 нон он2	-10.20	-38.51	65.40	15.00
270 нон он2	-21.41	-37.76	78.27	
271 нон он2	-22.56	-38.95	69.33	
272 нон он2	-30.18	-25.13	93.77	
273 нон он2	-12.08	-12.20		15.00
274 нон он2	-1.36	-9.62	67.96	15.00
275 нон он2	-28.39	-30.26	56.30	15.00
276 нон он2	-29.74	-20.19	48.42	15.00
277 нон он2	-26.12		44.41	
		*		
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278 нон он2	-29.92 -34.21	47.42	15.00
279 нон он2	-26.24 -33.39	47.92	15.00
280 нон он2	-32.19 -28.29	42.42	15.00
281 нон он2	-37.49 -30.33		

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# TABLE V

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A2) for the cathepsin K complex with inhibitor (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide.

Residue	Atom	X	<b>Y</b>	<b>Z</b>	В
1 ALA	СВ	-44.33	-37.20	63.83	15.00
1 ALA	C	No. 2012 11 11 11 11 11 11 11 11 11 11 11 11 1	-36.62	63.83	15.00
1 ALA	0		-36.94	62.86	15.00
1 ALA	N		-38.96	63.89	15.00
1 ALA	CA	-45.70	-37.59	64.36	15.00
2 PRO	N	-46.94	-35.47	64.51	15.00
2 PRO	CD	-46.25	-35.02	65.74	15.00
2 PRO	CA	-47.93	-34.49	64.07	15.00
2 PRO	200	-47.63	-33.28	64.97	15.00
2 PRO	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-47.15	-33.90	66.23	15.00
2 PRO	1.11 67 1 1 1 9	-47.63	-34.15	62.63	15.00
2 PRO			-34.30	62.16	15.00
3 ASP		-48.65	-33.74	61.88	15.00
3 ASP		-48.39	-33.36		15.00
3 ASP		-49.60	-33.60	59.63	15.00
3 ASP		-49.78	-35.10	59.29	15.00
3 ASP		-50.65	-35.42	58.45	15.00
3 ASP		-49.05	1000	59.86	15.00
3 ASP (		-47.92	-31.92	60.51	15.00
3 ASP (	**************************************	-47.44	-31.42	59.49	15.00
4 SER 1		-47.94	-31.30	61.69	15.00
4 SER (		-47.55	-29.91	61.87	15.00
4 SER (		-48.70	-28.98	61.49	15.00
4 SER C		-48.42	-27.64	61.85	15.00
4 SER C		-47.13	-29.61	63.29	15.00
5 VAL N	Market and Con-	-47.79 -46.04	-30.03 -28.86	64.24	15.00
5 VAL C	and the second	-45.60	-28.47	63.45	15.00
5 VAL C		-43.86 -44.86	-28.47 -29.61	64.78 65.53	15.00 15.00
5 VAL C		-43.46	-29.81	•	15.00
5 VAL C		-44.83	-29.31	67.02	15.00
5 VAL C		-44.78	-27.20		15.00
5 VAL C		-44.00	-26.98		15.00

6 ASP N		-26.34		15.0
6 ASP CA	TO SEE SEE SEE SEE	-25.07	65.76	15.00
6 ASP CB	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-23.94	65.39	15.00
6 ASP CG		-22.65		15.00
6 ASP OD1	-43.38	-22.47	65.35	10
6 ASP OD2	-45.21	-21.81	64.33	3 TO THE P.
6 ASP C	-43.72	-24.87	67.16	
6 ASP O		-24.51	68.10	
7 TYR N		-25.07	67.29	
7 TYR CA			the second second second	15.00
7 TYR CB	-40.35	-25.51		15.00
7 TYR CG	-40.39	-27.00	68.75	
7 TYR CD1	-40.49	-27.57	70.02	
7 TYR CE1	-40.58	-28.94	70.20	15.00
7 TYR CD2	-40.38	-27.87	67.65	
7 TYR CE2	-40.47	-29.25		15.00
7 TYR CZ	-40.57			15.00
7 TYR OH	-40.68	-31.13	69.28	
7 TYR C	-41.75	-23.46	69.08	15.00
		-23.22	70.29	15.00
8 ARG N	-41.91		68.17	15.00
8 ARG CA	-41.98		68.55	
8 ARG CB		-20.19	67.33	
8 ARG CG	-40.91	-20.36	66.38	15.00
8 ARG CD	-41.09		65.19	15.00
8 ARG NE		-19.81	64.32	15.00
8 ARG CZ	-42.56		63.24	15.00
8 ARG NH1	-41.89		62.89	15.00
8 ARG NH2	-43.63	-19.48		15.00
8 ARG C	-43.22			15.00
8 ARG O	-43.17		70.43	15.00
9 LYS N	-44.31	-21.59	69.04	15.00
9 LYS CA	-45.55	-21.53	69.81	15.00
9 LYS CB	-46.77	-21.98	68.99	15.00
9 LYS CG	-47.20		67.88	15.00
9 LYS CD	-48.52	-21.46	67.22	15.00
9 LYS CE	-48.99	-20.55	66.08	15.00
9 LYS NZ	-49.38	-19.15		15.00
9 LYS C	-45.44	-22.32	71.13	15.00
9 LYS O	-46.27	-22.17	72.02	15.00
10 LYS N	-44.41	-23.16	71.23	15.00
10 LYS CA	-44.17	-23.94	72.43	15.00
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10 LYS CB	-43.58	-25.32	72.11	15.00
10 LYS CG	-44.58	-26.34	71.57	4. 46
10 LYS CD	-43.93	-27.72	71.47	15.00
10 LYS CE	-44.97	-28.81	71.25	15.00
10 LYS NZ	-45.93	-28.85	72.39	15.00
10 LYS C	-43.25	-23.20	73.40	15.00
10 LYS O	-43.06	-23.65	74.53	15.00
11 GLY N	-42.67	-22.09	72.95	15.00
11 GLY CA	-41.78	-21.32	73.79	15.00
11 GLY C	-40.38	-21.91	73.87	15.00
11 GLY O	-39.64	-21.67	74.83	15.00
12 TYR N	-40.01	-22.66	72.84	15.00
12 TYR CA	-38.71	-23.31	72.77	15.00
12 TYR CB	-38.80	-24.65	72.05	15.00
12 TYR CG	-39.27	-25.80	72.87	15.00
12 TYR CD1	-40.41	-25.71	73.66	15.00
12 TYR CE1	-40.84	-26.79	74.42	15.00
12 TYR CD2	-38.57	-27.00	72.85	15.00
12 TYR CE2	-38.99	-28.09	73.59	15.00
12 TYR CZ	-40.12	-27.98	74.38	15.00
12 TYR OH	-40.50	-29.07	75.14	15.00
12 TYR C	-37.64	-22.48	72.08	15.00
12 TYR O	-36.46	-22.81	72.16	15.00
13 VAL N	-38.06	-21.44	71.37	15.00
13 VAL CA	-37.14	-20.62	70.58	15.00
13 VAL CB	-37.66	-20.50	69.13	15.00
13 VAL CG1	-36.66	-19.77	68.25	15.00
13 VAL CG2		-21.87	68.56	15.00
13 VAL C	-36.89	-19.23	71.14	15.00
13 VAL 0	-37.84	-18.50	71.45	15.00
14 THR N	-35.63	-18.84	71.23	15.00
14 THR CA	-35.31	-17.51	71.72	15.00
14 THR CB	-33.91	-17.47	72.36	15.00
14 THR OG1	-32.93	-17.77	71.36	15.00
14 THR CG2 14 THR C	-33.80	-18.49	73.47	15.00
14 THR C	-35.44	-16.50	70.56	15.00
14 THR O	-35.63	-16.89	69.40	15.00
15 PRO N	-35.41	-15.19	70.86	15.00
15 PRO CD	-35.34			15.00
15 PRO CA			69.79	15.00
15 PRO CB	-35.29	-12.87	70.53	15.00
15 PRO CG	-35.87	-13.15	71.89	15.00

15 PRO O					
15 PRO 0	15 PRO C			68.66	15.00
16 VAL N	and the second of the second o		-15.04	68.82	
16 VAL CA		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		67.52	
16 VAL CB	and the second of the contract of the second	: 1 x70x79395, t.: t	-13.83	66.37	15.00
16 VAL CG1	にょうし だいがんじょうじょ はいめんしゃ		-13.31	65.09	15.00
16 VAL CG2	5.8		-13.11	63.98	15.00
16 VAL C			-14.31	· · · · · · · · · · · · · · · · · · ·	15.00
16 VAL O	· · · · · · · · · · · · · · · · · · ·	-32.68	-13.01	••	15.00
17 LYS N	16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-32.76	-11.88	67.11	15.00
17 LYS CA			-13.61		15.00
17 LYS CB	and the second section of the second		-12.96	66.58	15.00
17 LYS CG	The Maria Araba and Millian and A	-29.25	-13.89		15.00
17 LYS CD		-29.81	-14.64	68.50	15.00
17 LYS CE		the property of the second control of the se	-13.71	69.61	15.00
17 LYS NZ			-14.46	70.88	15.00
17 LYS C	1. ACM AND THE SECTION AND SECTION.	-31.75	-15.34	70.73	15.00
17 LYS O	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-29.67	-12.53	65.23	15.00
18 ASN N	<ul> <li>M. A. Galler, A. M. Wilder, Appl. 3</li> </ul>		-12.88	64.17	15.00
18 ASN CA	- 10th 1 1966 6 19 6 Hills 1	-28.57	-11.79	65.27	15.00
18 ASN CB	<ul> <li> ** 1.0 (**) (**) (**) (**)</li> </ul>	1.37 (1997)	-11.32		15.00
18 ASN OD1	ACCURATE CONSIGNATION OF STREET			63.80	15.00
18 ASN OD1			-9.39	62.45	15.00
18 ASN C		2. 7 1	-10.02	61.85	15.00
18 ASN C			-8.29	61.95	15.00
18 ASN 0			-11.58	64.19	15.00
19 GLN CA -24.48 -12.75 63.31 15.00 19 GLN CB -24.20 -14.02 62.48 15.00 19 GLN CG -24.56 -13.94 61.00 15.00 19 GLN CD -24.28 -15.24 60.27 15.00 19 GLN OE1 -25.14 -15.79 59.60 15.00 19 GLN NE2 -23.06 -15.74 60.40 15.00 19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY C -22.33 -10.05 60.49 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00	10 1 1 W 2 W 3 W 3 W 3 W 3 W 3 W 3 W 3 W 3 W 3		-11.03	65.08	15.00
19 GLN CB -24.20 -14.02 62.48 15.00 19 GLN CG -24.56 -13.94 61.00 15.00 19 GLN CD -24.28 -15.24 60.27 15.00 19 GLN OE1 -25.14 -15.79 59.60 15.00 19 GLN NE2 -23.06 -15.74 60.40 15.00 19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00	V · · · · · · · · · · · · · · · · · · ·			63.30	15.00
19 GLN CG	10.833 14.10	7 147 17	-12.75	63.31	15.00
19 GLN CD -24.28 -15.24 60.27 15.00 19 GLN OE1 -25.14 -15.79 59.60 15.00 19 GLN NE2 -23.06 -15.74 60.40 15.00 19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00			-14.02	62.48	15.00
19 GLN OE1 -25.14 -15.79 59.60 15.00 19 GLN NE2 -23.06 -15.74 60.40 15.00 19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00				61.00	15.00
19 GLN NE2 -23.06 -15.74 60.40 15.00 19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00	and the first that the second of the second	and the first of the second of the second	-15.24	60.27	15.00
19 GLN C -23.59 -11.60 62.86 15.00 19 GLN O -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00		C 10 (10 ft)		59.60	15.00
19 GLN 0 -23.59 -11.60 62.86 15.00 19 GLN 0 -22.43 -11.51 63.27 15.00 20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00		- 21 ST 1 DA No. 1 1 1 1 2 2		60.40	15.00
20 GLY N -24.12 -10.71 62.03 15.00 20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00				62.86	15.00
20 GLY CA -23.32 -9.59 61.55 15.00 20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00		1 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		63.27	15.00
20 GLY C -22.33 -10.05 60.49 15.00 20 GLY O -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00			-10.71	62.03	15.00
20 GLY 0 -22.59 -11.03 59.78 15.00 21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00				61.55	15.00
21 GLN N -21.19 -9.38 60.40 15.00 21 GLN CA -20.18 -9.73 59.39 15.00				60.49	15.00
21 GLN CA -20.18 -9.73 59.39 15.00				•	15.00
21 CIN CP 10 Ft	·				
21 GLIN CB -19.51 -8.48 58.81 15.00					15.00
	ST CIM CB	-19.51	-8.48	58.81	15.00

	. The sales of			
21 GLN CG	-20.42	-7.63	57.93	15.00
21 GLN CD	-20.79	-8.33	56.62	15.00
21 GLN OE1	-20.02		56.07	15.00
21 GLN NE2	-21.97	-8.02	56.11	15.00
21 GLN C	-19.15	-10.71	59.95	15.00
21 GLN O	-17.96	-10.40	60.02	15.00
22 CYS N	-19.63	-11.88	60.34	15.00
22 CYS CA	-18.79	-12.94	60.89	15.00
22 CYS C	-19.49	-14.24	60.53	15.00
22 CYS 0	-20.71	-14.34	60.62	15.00
22 CYS CB	-18.61	-12.78	62.41	15.00
22 CYS SG	-18.03	-14.24	63.33	15.00
23 GLY N	-18.73	-15.19	60.00	15.00
23 GLY CA	-19.29	-16.48	59.66	15.00
23 GLY C	-19.53	-17.35	60.89	15.00
23 GLY 0	-19.04	-18.48	60.98	15.00
24 SER N	-20.36	-16.86	61.81	15.00
24 SER CA	-20.67	-17.60	63.03	15.00
24 SER CB	-20.61	-16.66	64.22	15.00
24 SER OG	-21.35	-15.49	63.95	15.00
24 SER C	-22.01	-18.36	62.96	15.00
24 SER 0	-22.58	-18.73	63.99	15.00
25 CYS N	-22.50	-18.58	61.74	15.00
25 CYS CA	-23.76	-19.28	61.52	15.00
25 CYS CB	-23.98	-19.51	60.01	15.00
25 CYS SG	-22.57	-20.30	59.15	15.00
25 CYS C	-23.86	-20.58	62.32	15.00
25 CYS O	-24.84	-20.82	63.02	15.00
25 INH C1	-28.50	-9.52	55.70	15.00
25 INH C2	-28.63	-9.33	57.08	15.00
25 INH C3	-27.56	-9.63	57.94	15.00
25 INH C4	-26.35	-10.11	57.43	15.00
25 INH C5	-26.23	-10.29	56.05	15.00
25 INH C6	-27.29	-10.00	55.19	15.00
25 INH C7	-25.20	-10.40	58.35	15.00
25 INH 08	-24.73	-11.77	58.36	15.00
25 INH C9	-24.03	-12.42	57.30	15.00
25 INH 010	-24.33	-12.23	56.10	15.00
25 INH C11	-22.27	-14.01	56.70	15.00
25 INH C12	-20.77	-13.63	56.80	15.00
25 INH C13	-20.18	-12.60	55.82	15.00
25 INH C14	-19.01		56.47	
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			est in a	
25 INH C15		-11.63	55.23	15.00
25 INH C16		-15.59	56.80	
25 INH S17		-16.32		
25 INH N18		-16.55	57.50	
25 INH C19		-17.87		
25 INH N20		-13.25		
25 INH C21		-17.88		
25 INH C22			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
25 INH 023				
25 INH C24		-23.51		15.00
25 INH C25	-14.23	-22.84	56.08	15.00
25 INH C26	-14.83		57.12	15.00
25 INH C27	-15.00	-24.93	57.04	15.00
25 INH C28	-14.54	-25.60	55.91	15.00
25 INH C29	-13.94	-24.90	54.87	15.00
25 INH C30	-15.72	-25.67	58.14	
25 INH 031	-17.10	-25.93	57.71	
25 INH C32	-17.91	-25.03	56.96	15.00
25 INH 033	-17.69	-24.81	55.77	15.00 15.00
25 INH C34	-19.82	-23.49	57.00	15.00
25 INH C35	-21.22	-24.12	56.84	15.00
25 INH C36	-21.92	-24.89	57.97	15.00
25 INH C37	-21.43	-26.31	58.12	15.00
25 INH C38	-21.86	-24.15	59.29	15.00
25 INH C39	-19.87	-22.15	57.76	15.00
25 INH 040	-19.60	-22.13	58.96	
25 INH N41	-20.18	-21.00	57.08	15.00
25 INH N42	-20.20	-19.65	57.78	15.00
25 INH N43	-18.90	-24.44	57.63	15.00 15.00
26 TRP N	-22.80	-21.38	62.25	15.00
26 TRP CA	-22.73	-22.65	62.97	15.00 15.00
26 TRP CB	-21.39	-23.33	62.67	
26 TRP CG		-22.46	62.98	15.00
26 TRP CD2		an entre de la companya de la compa	64.19	
26 TRP CE2	-18.44		64.05	15.00
		-23.21	65.37	15.00
26 TRP CD1		-21.48	62.19	15.00
26 TRP NE1	* .	-20.86	62.19	15.00
26 TRP CZ2		-21.15	65.06	15.00
26 TRP CZ3	.: •			15.00
26 TRP CH2			66.21	15.00
26 TRP C		A		15.00
	T. T. T. T.	0	64.49	15.00

				A STATE OF BUILDING
26 TRP O	-23.65	-23.30	65.10	15.00
27 ALA N	-22.35	-21.46		
27 ALA CA	-22.45	-21.18		
27 ALA CB	-21.56	-20.02	66.89	
27 ALA C	-23.90	-20.90	66.88	15.00
27 ALA 0	-24.46	-21.56	67.74	
28 PHE N	-24.53	-19.94	66.19	15.00
28 PHE CA	-25.93	-19.58	66.41	15.00
28 PHE CB	-26.36	-18.44		15.00
28 PHE CG	-25.83		65.88	15.00
28 PHE CD1			65.32	15.00
28 PHE CD2	<ul> <li>A. B. Landerson Communication</li> </ul>		66.84	15.00
28 PHE CE1		-15.37	65.71	15.00
28 PHE CE2		-15.09	67.24	15.00
28 PHE CZ	-24.80	-14.62	66.67	15.00
28 PHE C	-26.87	-20.78	66.23	15.00
28 PHE 0	-27.85	-20.92	66.96	15.00
29 SER N	-26.56	-21.64	65.26	15.00
29 SER CA		-22.83	64.99	15.00
29 SER CB		-23.45	63.64	15.00
29 SER OG	-27.68	-24.63	63.36	15.00
29 SER C	-27.21	-23.84	66.13	15.00
29 SER 0	-28.19	-24.49	66.50	15.00
30 SER N	-26.01	-23.96	66.69	15.00
30 SER CA	-25.73	-24.88	67.79	15.00
30 SER CB	and the second second second	-25.10	68.00	15.00
30 SER OG		-25.57	66.82	15.00
30 SER C		-24.39	69.09	15.00
30 SER O		-25.16	69.85	15.00
31 VAL N		-23.09	69.33	15.00
31 VAL CA		-22.45	70.51	15.00
31 VAL CB		-20.95	70.55	15.00
31 VAL CG1	-27.42	-20.12		
31 VAL CG2	-25.07	-20.81		
31 VAL C	-28.31	-22.63	70.48	15.00
31 VAL 0	-28.91	-22.92	71.51	15.00
32 GLY N	-28.89	-22.52	69.29	15.00
32 GLY CA	-30.32	-22.68	69.11	
32 GLY C	-30.78	-24.09	69.45	15.00
	-31.86			15.00
33 ALA N	-29.97	-25.08	69.09	
33 ALA CA	-30.29 -	-26.47	69.38	15.00

33 ALA O			8 200 000 in 1		
33 ALA C				68.65	15.00
34 LEU N			-26.70		
34 LEU CA	1.0	- 1 1 M 3/2/69 - 111100000 - 4/6/11		71.50	15.00
34 LEU CB		2. Z. 1997 W.A. S. 20	22		15.00
34 LEU CG		一、大学的大学的一样的现在分词 化艾尔	995 NAC 1997 TO 1	72.93	
34 LEU CG			-25.75	73.35	15.00
34 LEU CD2		14 TO 13 TO 15 TO	13.73 (13	72.95	15.00
34 LEU C		- A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10 x 28 x 37 x 1 1		15.00
34 LEU C	the second contract of				15.00
34 LEU O		to the first beautiful to	-25.65	73.69	15.00
35 GLU N	<ul> <li>Manager Manager Company (1997)</li> <li>Manager Manager Company (1997)</li> </ul>	6 3 175, 257 (27), 271 (27)	-26.21	74.64	15.00
35 GLU CA			-24.47	73.22	15.00
35 GLU CB	The second of th	in Miller and Charles and Artifaction of the		73.82	15.00
35 GLU CG			-22.39	73.08	15.00
35 GLU CD		trak in a district file in war	-21.28		15.00
35 GLU OE1	The state of the s	<ol> <li>Sept. Act. 1999, 1899</li> </ol>	-20.13	72.55	
35 GLU OE2	100 100 100 100 100 100 100 100 100 100	-31.51	-20.14	71.54	
35 GLU C		-29.93	-19.22	72.76	15.00
35 GLU O		-32.86	-24.47	73.95	15.00
36 GLY N -33.21 -25.21 72.90 15.00 36 GLY CA -34.42 -26.00 72.90 15.00 36 GLY C -34.35 -27.13 73.91 15.00 36 GLY O -35.29 -27.37 74.66 15.00 37 GLN N -33.22 -27.82 73.95 15.00 37 GLN CA -33.04 -28.92 74.90 15.00 37 GLN CB -31.77 -29.71 74.56 15.00 37 GLN CG -31.84 -30.38 73.19 15.00 37 GLN CD -33.17 -31.11 72.97 15.00 37 GLN CD -33.60 -31.90 73.81 15.00 37 GLN NE2 -33.82 -30.83 71.85 15.00 37 GLN C -33.05 -28.41 76.35 15.00 38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CB -31.50 -24.54 79.20 15.00 38 LEU CD -30.94 -25.41 80.34 15.00 38 LEU CD -30.94 -25.41 80.34 15.00 38 LEU CD -30.60 -23.34 78.95 15.00 38 LEU CD -30.60 -23.34 78.95 15.00 38 LEU CD -34.22 -26.60 79.50 15.00		11 14 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-24.39	75.00	15.00
36 GLY CA	The second secon	2. 7. 7. 7. 1. 141. 241.	-25.21	72.90	15.00
36 GLY C	and the second of the second o	-34.42	-26.00	72.90	15.00
36 GLY 0		-34.35	-27.13	73.91	15.00
37 GLN N			-27.37	74.66	15.00
37 GLN CA		-33.22	-27.82		15.00
37 GLN CB	24	-33.04	-28.92		15.00
37 GLN CG				Taller Control of the control	15.00
37 GLN CD		-31.84	-30.38	73.19	15.00
37 GLN OE1 -33.60 -31.90 73.81 15.00 37 GLN NE2 -33.82 -30.83 71.85 15.00 37 GLN C -33.05 -28.41 76.35 15.00 38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU CD -33.85 -26.35 78.35 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00		-33.17	-31.11	72.97	15.00
37 GLN NE2 -33.82 -30.83 71.85 15.00 37 GLN C -33.05 -28.41 76.35 15.00 37 GLN O -33.63 -29.04 77.23 15.00 38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00		-33.60	-31.90	73.81	15.00
37 GLN C -33.05 -28.41 76.35 15.00 37 GLN O -33.63 -29.04 77.23 15.00 38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00					15.00
37 GLN O -33.63 -29.04 77.23 15.00 38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00			-28.41	76.35	15.00
38 LEU N -32.45 -27.24 76.57 15.00 38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00		-33.63	-29.04	77.23	15.00
38 LEU CA -32.42 -26.63 77.90 15.00 38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU C -34.22 -26.60 79.50 15.00	38 LEU N	-32.45			15.00
38 LEU CB -31.61 -25.34 77.89 15.00 38 LEU CG -31.50 -24.54 79.20 15.00 38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU O -34.22 -26.60 79.50 15.00		-32.42	-26.63		
38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU O -34.22 -26.60 79.50 15.00		-31.61	-25.34	77.89	15.00
38 LEU CD1 -30.94 -25.41 80.34 15.00 38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU O -34.22 -26.60 79.50 15.00		-31.50	-24.54	79.20	15.00
38 LEU CD2 -30.60 -23.34 78.95 15.00 38 LEU C -33.85 -26.35 78.35 15.00 38 LEU O -34.22 -26.60 79.50 15.00	38 LEU CD1	-30.94	-25.41	80.34	15.00
38 LEU C -33.85 -26.35 78.35 15.00 38 LEU O -34.22 -26.60 79.50 15.00	38 LEU CD2	-30.60	-23.34	78.95	15.00
38 LEU 0 -34.22 -26.60 79.50 15.00	38 LEU C	-33.85 -	-26.35	78.35	15.00
		-34.22 -	-26.60	79.50	15.00
	39 LYS N	-34.66 -		61	

	And the Same Age of			
39 LYS CA	-36.06	-25.56	77.68	15.00
39 LYS CB	-36.71	-24.85	76.49	
39 LYS CG	-38.21	-24.62	76.62	
39 LYS CD	-38.52	-23.64		15.00
39 LYS CE		-23.47	77.92	
39 LYS NZ		-22.39	78.91	
39 LYS C	-36.83	-26.83	78.04	
39 LYS 0	-37.55	-26.89	79.04	
40 LYS N	-36.65	-27.87	77.23	
40 LYS CA	-37.33		77.44	15.00
40 LYS CB	-37.06	-30.09	76.28	15.00
40 LYS CG	-37.54	1 1/1/2011 1971 1971	7.9 Tana 3 Tana 5 Tana	15.00
	-37.53			15.00
40 LYS CE		-31.72	74.22	15.00
40 LYS NZ	-38.75	-32.66	73.09	15.00
40 LYS C		-29.80	78.78	15.00
40 LYS O	-37.92	-30.20	79.52	15.00
41 LYS N		-29.90	79.11	15.00
41 LYS CA	-35.29		80.36	15.00
		-31.02	80.22	15.00
41 LYS CG		-32.50	79.87	15.00
41 LYS CD	Control of the Contro	-32.90	78.62	15.00
41 LYS CE		-33.12	77.41	15.00
41 LYS NZ	-33.06	-31.85	76.83	15.00
41 LYS C	-35.47		81.68	15.00
41 LYS O	-35.74		82.73	15.00
42 THR N	-35.28		81.63	15.00
12 THR CA	-35.41	and the second second	82.83	15.00
12 THR CB	-34.17		83.04	15.00
12 THR OG1	-34.20	-25.57		15.00
12 THR CG2		er of the control of	82.84	15.00
2 THR C	-36.64	-26.66	82.82	15.00
2 THR O	-37.07	-26.16	83.86	15.00
3 GLY N	-37.17	-26.41	81.63	15.00
3 GLY CA	-38.33	-25.55	81.52	15.00
3 GLY C	-37.93	-24.10	81.41	15.00
3 GLY O	-38.78	-23.23	81.26	15.00
4 LYS N	-36.63	-23.82	81.53	15.00
4 LYS CA	-36.11	-22.46	81.41	15.00
A DIO CD	-34.91	-22.24	82:33	15 00
4 LYS CG	-35.25			
4 LYS CD	-34.06	-21.63	84.59	15.00

44 LYS CE				15.00
44 LYS NZ		-19.50	85.16	15.00
44 LYS C		-22.17	79.96	
44 LYS O		-23.05	79.25	
45 LEU N		-20.93		15.00
45 LEU CA	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-20.52		
45 LEU CB	-36.80	and with a MART of the		15.00
45 LEU CG	-36.49			
45 LEU CD1		and the second of the second	75.08	15.00
45 LEU CD2	manya Lajayaya Ka		75.17	15.00
45 LEU C		-19.26	78.25	15.00
45 LEU 0		-18.17	78.53	15.00
46 LEU N	-33.41	-19.42	78.02	15.00
46 LEU CA	MANYABAR BAR	医克勒氏试验检检验 经收益		
46 LEU CB	-31.75	マルドマグラ ラニ・	79.35	15.00
46 LEU CG		-19.27	80.11	15.00
46 LEU CD1	-32.04		80.86	15.00
46 LEU CD2	211 : 1908. 왕왕주 유 - 3	-20.09	79.17	15.00
46 LEU C	-31.54	4 808873 FT TO T	76.80	15.00
46 LEU 0	-31.41	7	76.14	15.00
47 ASN N	-30.93	-17.20	76.48	15.00
47 ASN CA	-30.00		75.36	15.00
47 ASN CB	-29.88	-15.69	74.84	15.00
47 ASN CG 47 ASN OD1	-31.21	-15.12	74.46	15.00
47 ASN OD1	-31.91		73.60	15.00
47 ASN ND2	-31.59		75.11	15.00
47 ASN C		-17.64	75.75	15.00
48 LEU N	-28.10	9 199 1 1 94 N	76.78	15.00
48 LEU CA		-18.56	74.94	15.00
48 LEU CB	-26.82	-19.15	75.18	15.00
48 LEU CG	-26.80	-20.63	74.80	15.00
	-27.73	-21.45	75.71	15.00
48 LEU CD1	-27.55		75.44	15.00
48 LEU CD2 48 LEU C	-27.44		77.17	15.00
48 LEU O	-25.73		74.47	15.00
49 SER N	-26.04	1 - 26 6 S S S	73.71	15.00
49 SER N 49 SER CA	-24.48		74.69	
	-23.36		74.12	15.00
49 SER CB	-22.27		75.18	15.00
49 SER C	A CONTRACTOR OF THE CONTRACTOR			15.00
49 SER C				15.00
17 JER U	-21.93	-19.43	72.84	15.00

50 PRO N	-23.07	-17.87	71.68	15.00
50 PRO CD	-24.14	-16.88	71.44	15.00
50 PRO CA	-22.47	-18.30		15.00
50 PRO CB	-23.33	-17.58	69.36	15.00
50 PRO CG	-23.81	-16.35	70.07	15.00
50 PRO C	-21.00	-17.83	70.39	15.00
50 PRO O	-20.15	-18.48	69.77	15.00
51 GLN N	-20.70	-16.73	71.10	15.00
51 GLN CA	-19.34		71.19	15.00
51 GLN CB	-19.35	-14.78	71.82	15.00
51 GLN CG	-18.06	-13.96	71.66	15.00
51 GLN CD	-17.76	-13.49	70.22	15.00
51 GLN OE1	-18.60	-12.89	69.54	15.00
51 GLN NE2		-13.74	69.77	15.00
51 GLN C	-18.42	-17.16	71.95	15.00
51 GLN O	-17.25	-17.33	71.59	15.00
52 ASN N		-17.86	72.94	15.00
52 ASN CA	-18.23	-18.85	73.70	15.00
52 ASN CB	-19.14	-19.54	74.73	15.00
52 ASN CG	-18.40	-20.50	75.66	15.00
52 ASN OD1		-21.02	76.61	15.00
52 ASN ND2		-20.73	75.41	15.00
52 ASN C	- 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	-19.86	72.70	15.00
52 ASN 0	-16.50	-20.21	72.73	15.00
53 LEU N		-20.28	71.78	15.00
53 LEU CA	77	-21.24	70.74	15.00
53 LEU CB		-21.79	70.06	15.00
53 LEU CG	6.0	-23.02	70.67	15.00
53 LEU CD1		-22.96	72.19	15.00
53 LEU CD2	-21.55	-23.11	70.17	15.00
53 LEU C	-17.21	-20.66	69.72	15.00
53 LEU O	-16.19		69.42	15.00
54 VAL N	-17.51	-19.46	69.21	15.00
54 VAL CA	-16.65	-18.82	68.22	15.00
54 VAL CB	-17.16	-17.39	67.85	15.00
24 ANT CGT	-16.22	-16.73	66.85	15.00
54 VAL CG2	-18.56	-17.47	67.25	15.00
54 VAL C	-13.19	-18.75	68.68	15.00
54 VAL O	-14.28	-19.13	67.94	15.00
55 ASP N	-14.99	-18.33	69.93	15.00
55 ASP CA	-13.65	-18.18	70.52	15.00
55 ASP CB	-13.64	-17.12	71.64	15.00

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55 ASP CG	-14.11	-15.73	71.18	15.0
55 ASP OD1			69.96	
55 ASP OD2		-14.93		15.0
55 ASP C		-19.44	71.08	
55 ASP 0	-11.75		71.15	
56 CYS N	-13.79	-20.43	71.47	
56 CYS CA	-13.26		72.12	
56 CYS C		-22.97	71.41	
56 CYS 0	-12.36	W 10 1 5 7 1	71.86	15.00
56 CYS CB	-13.97	-21.81	73.45	15.00
56 CYS SG	-13.91	-20.34	74.55	15.00
57 VAL N	-13.92	-23.20	70.36	15.00
57 VAL CA	-13.85	-24.48	69.64	15.00
57 VAL CB	-15.13	-24.77	68.83	
57 VAL CG1	-15.08	-26.20	68.30	15.00
57 VAL CG2	-16.37	-24.52	69.66	15.00
57 VAL C	-12.67	-24.45	68.68	
57 VAL 0	-12.73		67.62	15.00
58 SER N	-11.60	-25.15	69.04	15.00
58 SER CA	-10.40	-25.18	68.22	15.00
58 SER CB	-9.19	-25.66	69.02	15.00
58 SER OG	-9.56	-26.66	69.95	15.00
58 SER C	-10.54	-25.93	66.91	15.00
58 SER 0	-9.71	-25.75	66.02	15.00
59 GLU N	-11.56	-26.78	66.79	15.00
59 GLU CA	-11.79	-27.55	65.57	15.00
59 GLU CB	-12.53		65.84	15.00
59 GLU CG		-29.95	66.56	15.00
59 GLU CD		-29.63	68.03	15.00
59 GLU OE1		-29.48	68.79	15.00
59 GLU OE2		-29.54	68.42	15.00
59 GLU C		-26.74	64.50	15.00
	-12.45	-27.06	63.32	15.00
60 ASN N		-25.69	64.92	15.00
60 ASN CA	-13.91	-24.83	63.98	
60 ASN CB	-15.29	-24.45		15.00
60 ASN CG	-16.25	-25.62	64.51	
60 ASN OD1	-17.17 -	-25.66		15.00
60 ASN ND2	-16.04	26.59		15.00
60 ASN C	-13.03 -			15.00
				15.00
61 ASP N	-13.39 -	22.81	62.74	15.00

and the state of the state of				4、"自己,""我是这个	No. 18 April 19 Sept. 18
	61 ASP CA	-12.56	-21.66	62.39	15.00
·	61 ASP CB	-12.27	-21.64	60.88	
	61 ASP CG	-11.96	-23.05		2 1 1 2 2 2 2 2 3 1 1 1 1 1 1 1 1 1 1 1
	61 ASP OD1		-23.70	the fact that the second of	15.00
	61 ASP OD2	-10.78	-23.50	60.37	15.00
gradia Arris Arris	61 ASP C	-13.12	-20.30	62.86	
	61 ASP O	-12.75	-19.26	62.32	
	62 GLY N	-13.97	-20.31	63.88	15.00
	62 GLY CA				15.00
	62 GLY C	-15.40	-18.39	63.30	9.50
	62 GLY O				
	63 CYS N	-15.00	-17.18	62 90	15.00
	63 CYS CA	-15.71	-16.43	61 88	15.00
	63 CYS C	-15.44	-16.96	60.47	15.00
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	63 CYS O	-16.00	-16.47	59 49	15.00
	63 CYS CB				A Market Company of the Company of t
	63 CYS SG	-16.00	-14.06	63.45	15.00
	64 GLY N	-14.57	-17.97	60.38	15.00
	64 GLY CA	-14.27	-18.57	59.09	
	64 GLY C	-15.01	-19.88	58.84	15.00
	64 GLY 0	-14.59	-20.68	58.01	15.00
	65 GLY N	-16.09		59.59	15.00
	65 GLY CA		-21.34		15.00
	65 GLY C	-16.66	1.7 (00) 7 (1) (00) 7 (1)	60.49	15.00
#1 #14. #1547 + 1	65 GLY O	-15.77	-22.30	61.34	95 (20,000) 1, 6
	66 GLY N	-17.52			
	66 GLY CA	-17.44		61.42	15.00
	ee GTA C	-18.61	-25.44	61.32	15 00
	66 GLY O	-19.49	-25.27	60.48	15.00
	67 TYR N	-18.62	-26.44	62.18	
	67 TYR CA	-19.68	-27.44	62.21	15.00
	67 TYR CB	-19.14	-28.83	61.87	15 00
	67 TYR CG	-18.68	-28.95	60.44	15.00
	67 TYR CD1	-19.58	-29.32	59.44	15 00
	67 TYR CE1	-19.18	-29.39	58.11	15.00
	67 TYR CD2	-17.37	-28.64	60.07	15.00
	67 TYR CE2	-16.96	-28.70	58.75	15.00
	67 TYR CZ	-17.88	-29.07	57.77	15.00
ggyllik i.	67 TYR OH	-17.50	-29.10	56.45	15.00
	67 TYR C	-20.36	-27.48	63.56	15.00
	67 TYR O	-19.71	-27.30	64.59	15.00
	68 MET N	-21.65	-27.77	63.56	15.00

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	All the second			
68 MET CA		-27.85		15.00
68 MET CB	-23.93	-28.03	64.44	•
68 MET CG	3	-26.86		15.00
68 MET SD		-26.58	61.93	
68 MET CE	17 - 12 人工家和区域。		61.01	
68 MET C	-21.91	-28.98		
68 MET O	-21.68		66.87	15.00
69 THR N	-21.68		65.08	15.00
69 THR CA	-21.17	11 11 11 11 11 11 11 11 11 11 11 11 11	65.81	
69 THR CB	-20.89		64.87	
69 THR OG1	and the first of t		63.76	15.00
69 THR CG2		Carrier and Market Committee of	64.35	15.00
69 THR C	-19.91	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	66.64	15.00
69 THR O	-19.80		67.78	15.00
70 ASN N	-18.97		66.06	15.00
70 ASN CA	-17.74		66.77	15.00
70 ASN CB		-29.07	65.89	15.00
70 ASN CG	-16.17	. Pel (1922) 19 (1936) Per - P	64.75	15.00
70 ASN OD1		-29.34	63.79	15.00
70 ASN ND2	-16.25	-31.20	64.86	15.00
70 ASN C	-18.11	-29.01	67.98	15.00
70 ASN 0		-29.19	69.08	15.00
71 ALA N	-19.02	-28.07	67.74	15.00
71 ALA CA	-19.50	-27.16	68.77	15.00
71 ALA CB	-20.44	-26.11	68.16	15.00
71 ALA C	-20.20	-27.92	69.91	15.00
71 ALA 0		-27.59	71.08	15.00
72 PHE N	-20.95	-28.97	69.56	15.00
72 PHE CA		-29.82	70.54	15.00
72 PHE CB	-22.65	-30.75	69.86	15.00
72 PHE CG	-23.80	-30.02	69.25	15.00
72 PHE CD1	-24.32	-28.88	69.86	15.00
72 PHE CD2	-24.37	-30.48	68.08	15.00
72 PHE CE1	-25.40	-28.21	69.30	15.00
72 PHE CE2	-25.46	. 19 (2) 15 (2) 20 (2)	67.51	15.00
72 PHE CZ	-25.97		68.13	15.00
72 PHE C	-20.64		- Marie 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	15.00
72 PHE 0	-20.69	Company of the state of the company	72.59	15.00
73 GLN N		-31.27	The state of the s	15.00
73 GLN CA 73 GLN CB	-18.70		71.33	
73 GLN CB	-17.83	gui Bergius India	70.31	
12 GEW. CC	-16.90	-33.82	70.92	15.00

	73 GLN CD	-16.28	-34.73	69.87	15.00
	/3 GLN 0E1	-16.83	-34.92	68.78	15.00
	73 GLN NE2	-15.14	-35.30	70.20	15.00
	73 GLN C	-17.87	-31.21	72.25	15.00
	/3 GLN O	-17.49	-31.64	73.33	15.00
	74 TYR N	-17.60	-29.98	71.82	15.00
	74 TYR CA	-16.83	-29.03	72.62	15.00
	74 TYR CB	-16.61	-27.69	71.89	15.00
	74 TYR CG	A 4 4 1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1	-26.51	72.83	15.00
	74 TYR CD1	-15.18	-26.35	73.51	15.00
	74 TYR CE1	-15.02	-25.35	74.47	15.00
	74 TYR CD2		-25.63	73.12	15.00
	74 TYR CE2		-24.64	74.08	15.00
	74 TYR CZ	<ul> <li>18 9 (808) 395 (1964); 3044.</li> </ul>	-24.50		
	74 TYR OH	araya in sanar balar balar b	9602 (600), 2004 - 1000 - 100	75.75	15.00
	74 TYR C		-28.79	73.94	15.00
	74 TYR 0	-16.92	-28.75	75.00	15.00
	75 VAL N	-18.87	-28.62	73.86	15.00
	75 VAL CA	-19.70	-28.36	75.04	15.00
	75 VAL CB	-21.11	-27.88	74.63	15.00
	75 VAL CG1 75 VAL CG2	-21.96	-27.66	75.85	15.00
er er manska	75 VAL CG2	-21.00	-26.57	73.83	15.00
	75 VAL 0		-29.55	75.98	15.00
			-29.38	77.19	15.00
	76 GLN N 76 GLN CA	-19.66	-30./4	75.42	15.00
	76 GLN CB		-31.95	76.22	
		an ing a kapatahan an ing Kabupatèn	-33.21		
	76 GLN CD	-19.80 -19.70	-34.51		A 14-77, 17-77
			A CONTRACTOR OF THE PARTY OF TH	A 0 62 5 4 .	15.00
	100		-35.70	74.09	15.00
	76 GLN NE2	_10.24	-30.86	75.79	- Y . C . A
	76 GLN C 76 GLN O	_10.34 _10.3 <i>4</i>	-32.00 -32.09		15.00
	77 LYS N	1 (MALESTE, 4) 19 (C. 4)	-32.09 -31.90	78.22	15.00
	77 LYS CA	Data was in Malaysia ili ali ili		76.29	15.00
			-31.95 -32.01	76.91	15.00
	<ul> <li>A. M. Collinson, Physics and Applications (1997).</li> </ul>	-14.77		75.85	
	77 LYS CD	the transmission in the second	-33.29 -33.14	75.01	15.00
			-33.14 -34.44	73.84	15.00
		entra program and a second		73.09 72.06	15.00
	77 LYS C	(4) A24 5 (1) (4) (2) (7) (7)	-30.80		15.00
	77 LYS 0	-14.99			15.00
· 3.			74.30	78.91	15.00

Zingerierane				
78 ASN N		-29.61	77.50	15.00
78 ASN CA		· · · · · · · · · · · · · · · · · · ·	78.32	
78 ASN CB		-27.16	77.51	
78 ASN CG		-25.89	78.31	•
78 ASN ODI		-25.69	78.92	
78 ASN ND2		-24.99	78.28	
78 ASN C	-16.83	-28.52	79.52	
78 ASN 0	-16.64	-27.81	80.49	15.00
79 ARG N	-17.81	-29.42	79.44	
79 ARG CA	-18.82	-29.64		
79 ARG CB		-30.06	81.81	15.00
79 ARG CG	-17.69	-31.48	81.85	
79 ARG CD	-16.75	-31.70		15.00
79 ARG NE	-16.07	-32.98	82.88	15.00
79 ARG CZ	-14.79	-33.13	82.56	15.00
79 ARG NH1		-32.08	82.33	15.00
79 ARG NH2	-14.28	-34.36	82.41	15.00
79 ARG C		-28.45	80.65	15.00
79 ARG O		-28.32	81.69	15.00
80 GLY N	-19.84	-27.58	79.66	15.00
80 GLY CA		-26.45	79.77	15.00
80 GLY C		-25.38	78.73	15.00
80 GLY O		-25.49	77.89	15.00
81 ILE N	-21.38	-24.39	78.75	15.00
81 ILE CA		-23.24	77.85	15.00
81 ILE CB		-23.47	76.52	15.00
81 ILE CG2		-24.00	76.80	15.00
81 ILE CG1		-22.16	75.71	15.00
81 ILE CD1	The state of the s	-22.28	74.36	15.00
81 ILE C	-21.98 -	-22.09	78.60	15.00
81 ILE 0		-22.26	79.29	15.00
82 ASP N	-21.37 -	20.92	78.48	15.00
82 ASP CA	-21.88 -	19.75	79.15	15.00
82 ASP CB	-20.83 -	18.66	79.19	
82 ASP CG	-19.68 -	19.00	80.10	
82 ASP OD1	-18.57 -	18.52	79.85	15.00
82 ASP OD2	-19.91 -	19.76	81.07	15.00
82 ASP C	-23.17 -	19.21	78.57	15.00
82 ASP O	-23.56 -	19.54	77.45	15.00
83 SER N	-23.85 -		79.39	15.00
83 SER CA	-25.09 -		79.00	15.00
83 SER CB	-25.89 -	17.34	80.22	15.00

83 SER OG	-25.29	-16.22	80.86	15.00
83 SER C	-24.70		78.16	15.00
83 SER O	-23.58	-16.04	78.30	15.00
84 GLU N	-25.59	-16.10	77.30	15.00
84 GLU CA	-25.30	-14.93	76.49	15.00
84 GLU CB	-26.55	-14.46	75.73	15.00
84 GLU CG	-26.40	-13.12	75.04	15.00
84 GLU CD	-25.37	-13.12	73.92	15.00
84 GLU OE1	-24.73	-12.07	73.72	15.00
84 GLU OE2	-25.20	-14.15	73.23	15.00
84 GLU C	-24.74	-13.81	77.37	15.00
84 GLU O	-23.72	-13.20	77.06	15.00
85 ASP N	-25.37	-13.60	78.53	15.00
85 ASP CA	-24.94	-12.54	79.44	15.00
85 ASP CB	-25.85	-12.44	80.66	15.00
85 ASP CG	-27.22	-11.88	80.32	15.00
85 ASP OD1	-28.19	-12.27	81.01	15.00
85 ASP OD2	-27.33	-11.06	79.37	15.00
85 ASP C	-23.49	-12.60	79.87	15.00
85 ASP 0	-22.78	-11.59	79.79	15.00
86 ALA N	-23.05	-13.79	80.28	15.00
86 ALA CA	-21.67	-14.00	80.73	15.00
86 ALA CB	-21.59	-15.24	81.59	15.00
86 ALA C	-20.61	-14.06	79.62	15.00
86 ALA O	-19.42	-14.18	79.92	15.00
87 TYR N	-21.04	-13.98	78.36	15.00
87 TYR CA	-20.13	-14.04	77.22	15.00
87 TYR CB	-19.69	-15.50	76.99	15.00
87 TYR CG	-18.30	-15.71	76.41	15.00
87 TYR CD1	-17.79	-14.89	75.41	15.00
87 TYR CE1	-16.54	-15.12	74.86	15.00
87 TYR CD2	-17.51	-16.78	76.84	15.00
		-17.02	76.29	15.00
87 TYR CZ	-15.78		75.30	15.00
87 TYR OH	-14.54	-16.42	74.76	15.00
87 TYR C	-20.88	-13.46	76.00	15.00
87 TYR O	-21.14	-14.15	75.02	15.00
88 PRO N	-21.17		76.05	15.00
88 PRO CD	-20.72		77.06	15.00
88 PRO CA	-21.90	-11.45	74.97	15.00
88 PRO CB	-21.94	-9.99	75.46	15.00
88 PRO CG	-20.72	-9.87	76.27	15.00

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88 PRO C	-21.30	-11.57	73.58	15.00
88 PRO O	-20.11	-11.80		
89 TYR N	-22.15	-11.39	72.58	
89 TYR CA	-21.74		71.18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
89 TYR CB	-22.93		70.27	
89 TYR CG	-22.53		68.84	15.00
89 TYR CD1	-21.82		68.54	15.00
89 TYR CE1	-21.40	<ul> <li>*** *** *** *** *** ***</li> </ul>	67.25	15.00
89 TYR CD2	-22.83		67.81	15.00
89 TYR CE2	-22.40	and the second second	66.50	15.00
89 TYR CZ	-21.69	-12.62	66.24	15.00
89 TYR OH	-21.23	-12.90		15.00
89 TYR C	-21.04	-10.21	70.71	15.00
89 TYR O	-21.54	-9.11	70.94	15.00
90 VAL N	-19.88	グル・ブラ アスプス・	70.08	15.00
90 VAL CA	-19.15	-9.21	69.55	15.00
90 VAL CB	-17.81	-8.94	70.27	15.00
90 VAL CG1	-18.06	-8.15	71.55	15.00
90 VAL CG2	-17.08	-10.23	70.56	15.00
90 VAL C	-18.92	-9.31	68.05	15.00
90 VAL O	-18.60	-8.32	67.40	15.00
91 GLY N	-19.08	-10.51	67.50	15.00
91 GLY CA	-18.90	-10.68	66.06	15.00
91 GLY C	-17.46	-10.67	65.56	15.00
91 GLY O	-17.19	-10.28	64.42	15.00
92 GLN N	-16.54	-11.10	66.41	15.00
92 GLN CA	-15.14	-11.17	66.04	15.00
92 GLN CB	-14.46	-9.80	66.11	15.00
92 GLN CG	-14.41	-9.16	67.49	15.00
92 GLN CD	-14.16	-7.65	67.45	15.00
92 GLN OE1	-14.60	-6.91	68.33	15.00
92 GLN NE2	-13.46	-7.18	66.42	15.00
92 GLN C		-12.22	66.92	15.00
92 GLN 0		-12.42	68.07	15.00
93 GLU N	-13.51	-12.94	66.32	15.00
93 GLU CA	-12.75		66.99	15.00
93 GLU CB	-11.92		65.98	15.00
93 GLU CG				15.00
93 GLU CD	-11.66		63.60	15.00
93 GLU OE1			63.72	
93 GLU 0E2		-16.37		15.00
93 GLU C	-11.83	-13.34	68.03	15.00

93 GLU O	-11.21	all the second of the second	67.75	15.00
94 GLU N		-13.97		18 1. C. C. S. M. M. C. C.
94 GLU CA	-10.88	-13.49	70.30	3 3 3 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
94 GLU CB	-11.58		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
94 GLU CG	-11.71	1	6. 1. PASS 25 CONTRACTOR	and the second of the second
94 GLU CD	-12.53	-10.04		15.00
94 GLU OE1	-13.43	-10.42	71.98	
94 GLU OE2	-12.26	-8.84		
94 GLU C	-10.47		71.15	15.00
94 GLU O	-10.92	-15.82	70.89	15.00
95 SER N	-9.61	-14.49	72.13	15.00
95 SER CA	-9.17	-15.58	72.99	15.00
95 SER CB	-7.98	-15.16	73.87	15.00
95 SER OG	-8.29	-14.05	74.70	15.00
95 SER C	-10.29	-16.20	73.83	15.00
95 SER O	-11.16	-15.50	74.36	15.00
96 CYS N	-10.27		73.93	15.00
96 CYS CA	-11.26	-18.23	74.72	15.00
96 CYS C	-11.28	-17.62	76.13	15.00
96 CYS O	-10.26	-17.58	76.83	15.00
96 CYS CB	-10.97	-19.73	74.75	15.00
96 CYS SG	-12.23	-20.69	75.64	15.00
97 MET N	-12.44	-17.08	76.50	15.00
97 MET CA	-12.64	-16.44	77.80	15.00
97 MET CB	-12.80	-14.93	77.61	15.00
97 MET CG	-12.60	-14:11	78.87	15.00
97 MET SD	-10.92		79.50	15.00
97 MET CE	-10.06	-13.18	78.42	15.00
97 MET C	-13.84	-17.05	78.53	15.00
97 MET 0		-16.34		15.00
98 TYR N		-18.37		15.00
98 TYR CA		-19.09		15.00
98 TYR CB	-15.03	-20.57	78.73	15.00
98 TYR CG	-15.99	-21.40	79.55	15.00
98 TYR CD1	-17.36	-21.36	79.31	15.00
98 TYR CE1	-18.25	-22.09	80.09	15.00
98 TYR CD2	-15.53	-22.21	80.59	15.00
98 TYR CE2	-16.41	-22.95	81.38	15.00
98 TYR CZ	-17.77	-22.88	81.13	15.00
98 TYR OH	-18.64	-23.57	81.93	15.00
98 TYR C	-15.01	-18.91	80.61	15.00
98 TYR O	-14.00	-19.18	81.26	15.00
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			. 121, 11		
	99 ASN N		-18.44	81.16	15.00
	99 ASN CA	-16.24	-18.23	82.58	15.00
	99 ASN CB	-16.80	-16.84	82.89	15.00
	99 ASN CG	-16.73	-16.50	84.38	15 00
	99 ASN OD1	-16.91	-17.36	85.24	15.00
	99 ASN ND2	-16.44	-15.25	84.68	15.00
	99 ASN C	-17.14	-19.31	83.15	
	99 ASN O	-18.33	-19.37	82.85	15.00
	100 PRO N	-16.59	-20.19	83.99	15:00
	100 PRO CD		-20.25	84 37	15 00
	100 PRO CA	-1/.34	-21.29	84 62	TE AA
	TOO PRO CB	-16.27	-21 98	05 47	
:	100 PRO CG	-15.00	-21 70	04 70	
٠.	TOO BEO C	-18.52	-20.82	85.48	15.00
	TOO PRO O	-19.53	-21.51	85.58	15.00
A S	101 THR N	-18.37	-19.64	86.09	15.00
	101 THR CA	-19.42	-19.05	86.93	15.00
	TOT THE CB	-18.92	-17.73	87.61	15 00
٠	101 THR OG1	-17.73	-17 97	88 30	15 00
	101 THR CG2	-19.99	-17.15	88 54	15 00
, i	TOT THE C	-20.68	-18.73	86.12	15.00
	101 THR O	-21.77	-18.69		15.00
 	102 GLY N	-20.52	-18.51	84.81	15.00
12 pm	102 GLY CA	-21.67	-18.18	83.97	15.00
14. T	102 GLY C	-22.36	-19.33	83.25	15.00
	102 GLY 0	-23.34	-19.12	82.53	15.00
	TO3 LYS N	-21.87	-20.54	83.47	15.00
	103 LYS CA	-22.41	-21.74	Control of the Contro	15.00
	103 LYS CB	-21.73	-22.98	83.40	
:	103 LYS CG	-21.93	-24.24	82.59	15 00
	103 LYS CD	-21.93	-25.43	83.52	15.00
	TO3 TAS CE	-20.80	-25.36	84 52	15 00
	103 LYS NZ	-21.18	-26.01	85.80	15.00
	103 LYS C	-23.91	-21.86		15.00
	103 LYS 0	-24.44		84.05	
	104 ALA N	-24.60	-21.92	81.82	15.00
	104 ALA CA	-26.05	-22.02	81.81	15.00
	104 ALA CB	-26.65	-20.90	80.97	15.00
	104 ALA C	-26.59	-23.38	81.35	15.00
	TOA ALA O	-27.77	-23.67	81.53	15.00
	105 ALA N	-25.72	-24.20	80.77	
	105 ALA CA	-26.11	-25.53	1.00 AND AND AND AND	15.00

		The second second			
	105 ALA CB		-25.41	79.07	15.00
	105 ALA C	-24.88	-26.34	79.91	15.00
	105 ALA O	-23.75	-25.83	79.94	
	106 LYS N		-27.60		
	106 LYS CA	-24.10	-28.54	79.11	15 00
	106 LYS CB	-23.33	-29.21	80.26	15.00
	106 LYS CG	-24.14	-30.16	81.14	15.00
	106 LYS CD	-23.57	-31.59	81.11	15.00
	106 LYS CE	-24.32	-32.54	82.06	15.00
	106 LYS NZ	-25.78			
	106 LYS C	-24.83		78.27	N 1991 (2019) a 1994
	106 LYS 0	-26.05	~-29.54	78.19	15.00
	107 CYS N	-24.09	-30.44	77.60	15.00
	107 CYS CA	-24.70	-31.48	76.79	15.00
	107 CYS CB	-24.95	-31.05	75.34	15.00
	107 CYS SG	-23.54	-31.08	74.19	15.00
	107 CYS C	-23.84	-32.72	76.88	40 40 70 10 10 10
	107 CYS O	-22.66		77.19	- (16) 10. (4) 10.00 (18)
	108 ARG N				
	108 ARG CA	-23.73	-35.13	76.74	15.00
	108 ARG CB	-24.36	-36.04	77.78	15.00
n de la companya de La companya de la co	108 ARG CG	-24.14	-35.57		15.00
	108 ARG CD	-24.54	-36.64	80.19	
	108 ARG NE	-25.96	-36.93	80.10	15.00
	108 ARG CZ	-26.54	-38.01	80.61	a filipa de la compacta del la compacta de la compa
	108 ARG NH1	-25.81	. 18 18 18 18 18 18 18 18 18 18 18 18 18	81.24	
	108 ARG NH2			80.50	Account to the file of the
	108 ARG C		-35.82		15.00
	108 ARG 0		-36.99		15.00
	109 GLY N	-23.09			
	109 GLY CA	-22.90		73.10	
	109 GLY C		de l'arte de la la company de la company	72.13	
	109 GLY 0	-24.80		72.48	15.00
	110 TYR N	-23.95	-35.79	70.94	15.00
	110 TYR CA	-24.90		4.1	15.00
	110 TYR CB		-34.33		
	110 TYR CG	-23.08			
	110 TYR CD1	-21.84	-34.52	68.86	15.00
n de la Maria de La Sala. Presidente de la Calonia	110 TYR CE1	-20.69	-34.96	68.26	15.00
	110 TYR CD2	-23.13	-35.37	67.04	15.00
	110 TYR CE2	-21.98		66.43	
		-20.76		67.05	15.00
*. · · ·					the state of the state of

110 TYR OH	-19.61	-36.09	66.45	15.00
110 TYR C	-25.28	-36.66	69.02	
110 TYR O	-24.66	-37.72	69.09	
111 ARG N	-26.28	-36.45	68.18	15.00
111 ARG CA	-26.77	-37.47	67.27	
111 ARG CB		-38.10	67.78	
111 ARG CG	-29.00	-38.71	66.72	
111 ARG CD	-28.59	-40.10	66.19	15.00
111 ARG NE	-29.56			15.00
111 ARG CZ		7 W. A. W. C		15.00
111 ARG NH1	<ul><li>一 区 3 以 何等がた。</li></ul>	and the second of the contract	63.65	15,00
111 ARG NH2	- 177 - A.J. 17東 で		63.15	15.00
111 ARG C	-26.95	-36.78	65.92	15.00
111 ARG 0	-27.32	-35.60		15.00
112 GLU N		-37.49	64.86	
112 GLU CA	*	-36.98	e we swar, en alle e	15.00
112 GLU CB	-25.44	-37.25	62.71	
112 GLU CG		-36.54	63.29	15.00
112 GLU CD			62.52	15.00
112 GLU OE1	1 Y	-36.00		15.00
112 GLU OE2	-22.30		62.82	
112 GLU C	-27.95		62.84	15.00
112 GLU O	-28.32	and a sign of the second of the second	63.20	15.00
113 ILE N	and the second of the second o	-36.94	61.93	15.00
113 ILE CA			61.24	15.00
113 ILE CB			60.90	15.00
		-36.90	59.89	15.00
113 ILE CG1		-35.89	62.17	15.00
113 ILE CD1			63.00	15.00
113 ILE C		-38.17	59.97	15.00
113 ILE 0	-28.24	-37.70	59.39	15.00
114 PRO N	-29.81	-39.32	59.56	
114 PRO CD	-30.91	-40.08	60.16	15.00
114 PRO CA	-29.34		58.34	15.00
114 PRO CB	-30.43			15.00
114 PRO CG		-41.40		15.00
114 PRO C	-29.30		57.22	15.00
114 PRO 0	-30.29	-38.23	56.97	15.00
115 GLU N	-28.14	-38.81	56.59	15.00
115 GLU CA	-27.95	-37.85		15.00
115 GLU CB 115 GLU CG	-26.52			15.00
TTO GTO CG	-26.24	-36.84	53.95	15.00

			1.0	
115 GLU CD	-24.87	-36.97	53.34	15.00
115 GLU 0E1	-24.73	-37.74	52.35	15.00
115 GLU OE2	-23.94	-36.29	53.84	15 00
115 GLU C	-28.94	-38.05	54.38	15.00
115 GLU 0	-29.14	-39.17	53.91	15.00
116 GLY N	-29.55	-36.96	53.95	15.00
116 GLY CA	-30.51	-37.02	52.86	15.00
116 GLY C	-31.93	-37.43	53 23	15.00
116 GLY 0	-32.85	-37.23	52.44	15.00
117 ASN N	-32.12	-37.92	54.46	15.00
117 ASN CA	-33.43	-38.37	54.93	15.00
117 ASN CB	-33.27	-39 59	55 05	15 00
117 ASN CG	-34.53	-40.48	55.92	15.00
117 ASN OD1	-35.65	-40.02	55.70	15 00
117 ASN ND2	-34.34	-41.74	56.27	15 00
11/ ASN C	~34.30	-37.30	55.60	15 00
117 ASN O	-34.12	-37.00	56.79	15.00
118 GLU N	-35.26	-36.75	54 86	15 00
118 GLU CA	-36.18	-35.73	55.38	15.00
118 GLU CB	-36.91	-34.98	54.26	15.00
118 GLU CG	-36.01	-34.11	53.37	15.00
118 GFO CD	~ -36.78	-33.09	52.55	15.00
118 GLU OE1	-36.86	-33.26	51.32	15.00
118 GLU OE2	-37.30	-32.11	53.13	15.00
118 GLU C	-37.19	-36.37	56.35	15.00
118 GLU O	-37.57		57.35	15.00
119 LYS N	-37.59	-37.60	56.06	15 00
119 LYS CA	-38.53	-38.31	56.92	15.00
119 LYS CB	-38.89	-39.68	56.33	15 00
119 LYS CG	-40.10	-40.36	56.97	15.00
119 LYS CD	-40.37	-41.75	56 35	15 00
TIA PAR CE	-39.71	-42.89	57.16	15.00
119 LYS NZ	-39.80	-44.23	56.47	15.00
119 LYS C	-37.89	-38.45	58.30	15.00
119 LYS 0	-38.53	-38.23	59.33	15.00
120 ALA N	-36.59	-38.76	58.30	15:00
120 ALA CA	-35.85	-38.91	59.54	15.00
120 ALA CB	-34.44	-39.41	59.25	15.00
120 ALA C	-35.78	-37.58	60.26	15.00
120 ALA O	-35.89	-37.52	61.49	15.00
121 LEU N	-35.61	-36.51	59.48	15.00
121 LEU CA	-35.52	-35.16	60.02	15.00

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	121 LEU CB	-35.02	-34.18	58.94	15.00
	121 LEU CG	-34.84	-32.68	59.23	15 00
	121 PEO CD1	-33.98	-32 43	GO AC	
	121 LEU CD2	-34.25	-32.02	57.99	15 00
	121 LEU C	-36.83	-34 68	60 60	
	121 LEU 0	-36.79	-34.05	61.74	15.00
	IZZ LYS N	-37.97	-35.03	60 00	4 - 00
	122 LYS CA	-39.29	-34.65	60.60	15.00
	TEE DIS CD	-40.42	-34.99	59 63	15 00
	122 LYS CG	-41.82	-34.90	60.26	15.00
	122 LYS CD	-42.89	-35.49	59.34	15.00
	122 LYS CE	-44.28	-35.44	59.97	
	122 LYS NZ 122 LYS C	-40.56 -30.57	-35.91	59.03	15.00
	122 TVC A	-40 02	-35.33	61.92	15.00
	122 LYS 0	-20.03	-34.70	62.88	15.00
	123 ARG N 123 ARG CA	-39.33 -30 EE	-30.63	61.96	15.00
	123 ARG CR	-39.33	-37.40	63.17	15.00
	123 ARG CB 123 ARG CG	4 II	_ 40	61 AF	
	123 ARG CD	-40 04	-41 na	61.30	15.00
	123 ARG NE	-38.71	-41 35	61 25	15.00
	123 ARG CZ	-37.76	-42 03	61 20	15.00
	123 ARG NH1	-37.99	-42.51	63 12	15 00
	123 ARG NH2	-36.57	-42 20	61 22	15 00
	125 ARG C	-38.72	-36.82	64.33	15 00
	123 ARG O	-39.21	-36.72	65.46	15 00
	124 ALA N	-37.50	-36.38	64.04	15 00
	124 ALA CA	-36.62	-35.79	65 05	15 00
	124 ALA CB	-35.21	-35:60	64 50	15 00
	124 ALA C	-37.17	-34.46	65 58	15 00
	124 ALA O	-37.17	-34.21	66 79	15 00
	122 VAL N	-37.64	-33.61	64.68	15.00
	125 VAL CA	-38.20	-32.33	65.09	15 00
	125 VAL CB	-38.57	-31.44	63.87	15.00
	125 VAL CG1	-39.39	-30.23	64.31	
	125 VAL CG2	-37.30	-30.97	63.15	15.00
	125 VAL C	-39.41	-32.57	65.99	15.00
	125 VAL 0	-39.53	-31.99	67.07	15.00
	126 ALA N	-40.27	-33.49	65.58	15.00
	126 ALA CA	-41.46	-33.83	66.34	15.00
	126 ALA CB	-42.27			
5.5° , 5° , 6° , 1°	126 ALA C	-41.15	-34.29	67.77	15.00

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1	26 ALA 0	-41.69	-33.74	68.73	15.00
1	27 ARG N	-40.26	-35.26	67.93	15.00
	27 ARG CA	-39.95		the second of th	15.00
1	27 ARG CB	-39.99	-37.28		4.4.4.4.
. 1	27 ARG CG	-38.95	-37.98	68.45	
1	27 ARG CD	-39.08	-39.48		
1	27 ARG NE		-39.95		
1	27 ARG CZ	-41.25	-40.58	69.14	
1	27 ARG NH1	-42.47			15.00
. 1	27 ARG NH2				15.00
	27 ARG C	-38.72	-35.26	70.01	
1	27 ARG O	-38.50	-35.65		15.00
	28 VAL N	-37.91	-34.42	69.40	15.00
1	28 VAL CA	<b>√-36.72</b>			
	28 VAL CB	and the Control of the Control	-34.31	69.27	15.00
1.	28 VAL CG1				15.00
	28 VAL CG2	-35.18	-35.79	69.42	15.00
	28 VAL C	-36.78	-32.43	70.32	
	28 VAL O	-36.54		71.43	
	29 GLY N	-37.12	-31.68	69.28	15.00
	29 GLY CA	-37.18	-30.24	69.39	15.00
	29 GLY C		-29.69	68.22	6
12	29 GLY O	-36.10	-30.46	67.30	15.00
1.00	O PRO N	-36.09	-28.39		15.00
	O PRO CD	-36.46	-27.40	69.22	15.00
	O PRO CA	-35.34	-27.75	67.11	
	O PRO CB	-35.01		67.70	15.00
	0 PRO CG	-36.23	-26.08	68.51	15.00
	0 PRO C	-34.06	-28.52	66.73	15.00
• • • • •	O PRO O	-33.35		67.61	
	1 VAL N				15.00
	1 VAL CA		-29.30		
13	1 VAL CB	-33.05	-30.57	64.15	15.00
13	1 VAL CG1	-31.85	-31.31	63.57	15.00
	1 VAL CG2		-31.50	65.07	15.00
	1 VAL C	-31.71	-28.42	64.02	15.00
	1 VAL O	-32.21	-27.71	63.14	15.00
13	2 SER N	-30.41	-28.44	64.29	15.00
13	2 SER CA	-29.40	-27.69	63.53	15.00
1.3	2 SER CB	-28.07	-27.65	64.28	15.00
13:	2 SER OG	-28.22	-27.17	65.59	15.00
13:	2 SER C	-29.19	-28.31	62.13	15.00

TABLE V  1.32 SER 0	janus majing						r sa Shari
132 SER 0		WO 97/16177				0	PCT/US96
132 SER 0					TABLE	v	
133 VAL N		1.35	SED O	20.00			
133 VAL CB							
133 VAL CB							
133 VAL CG1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<ul> <li>A Think Shirt Shirt Shirt</li> </ul>
133 VAL CG2				-31 53			
133 VAL C				er in the property of the second			ECA MINAZINOS TORMINIS DE
133 VAL 0					-27 10	58.70	
134 ALA N		". 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<ul> <li>************************************</li></ul>	-28.22	-25 92	58.89	
134 ALA CA		The second secon	[1] F. M.	-27 74			
134 ALA CB						57.85°	
134 ALA C					-20.30 -27 5 <i>6</i>	56.95	170 G 1 G 189 S P
134 ALA O			7 7 7	-27.59	-26.96	26.83 EE E0	
135 ILE N				-28 15	-27 27	33.59 EF 15	15.00
135 ILE CA				-27.61	-25 60	55.15	15.00
135 ILE CB		135	ILE CA	-28.28	-25.52	53.50	15.00
135 ILE CG2				-29.64	-24 75	53.08	Andrea and State Contracts
135 THE CG1					-25 51	53.86 E4.77	19. KW 19. KW N. N. C. (19. 19. 19. 19. 19. 19. 19. 19. 19. 19.
135 ILE CD1		135	ILE CG1	-29.37	-23 34	54.77 54.20	
135 ILE C			日子は20%による おおな	-30.61	-22 47	54.59	. 1 Na. 1. 1000 a. C
135 ILE 0					-24 69	52 71	1. O'T 1. C Y C Y O Y 1. Y
136 ASP N -27.98 -24.56 51.49 15.00 136 ASP CA -27.37 -23.75 50.45 15.00 136 ASP CB -27.45 -24.42 49.07 15.00 136 ASP CG -26.86 -23.57 47.94 15.00 136 ASP OD1 -26.91 -24.02 46.79 15.00 136 ASP OD2 -26.35 -22.45 48.19 15.00 136 ASP C -28.21 -22.46 50.50 15.00 136 ASP O -29.41 -22.48 50.22 15.00 137 ALA N -27.58 -21.38 50.92 15.00 137 ALA CA -28.23 -20.08 51.04 15.00 137 ALA CB -28.30 -19.68 52.49 15.00 137 ALA C -27.45 -19.04 50.25 15.00 137 ALA O -27.31 -17.91 50.69 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CA -26.18 -18.56 48.22 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU N -28.23 -18.24 46.97 15.00		135	ILE O	-26.36	-24.22		and the second second
136 ASP CA		136 2	ASP N				100 to 10000 101 (000 11 11 11 11 11 11 11 11 11 11 11 11
136 ASP CB		136 2	SP CA				
136 ASP CG		136 A	SP CB				
136 ASP OD1		136 A	LSP CG			100 1 10 m 100 m	i wassing ng PAN (A. (Feb.) Ind 1991 to
136 ASP OD2		136 A	SP OD1			No. of the second	
136 ASP C -28.21 -22.46 50.50 15.00 136 ASP O -29.41 -22.48 50.22 15.00 137 ALA N -27.58 -21.38 50.92 15.00 137 ALA CA -28.23 -20.08 51.04 15.00 137 ALA CB -28.30 -19.68 52.49 15.00 137 ALA C -27.45 -19.04 50.25 15.00 137 ALA O -27.31 -17.91 50.69 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CA -26.18 -18.56 48.22 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER C -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU N -28.23 -18.24 46.97 15.00		136 A	SP OD2			- 10 AW 12 3 1	1. S.M. (Market 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
136 ASP O -29.41 -22.48 50.22 15.00 137 ALA N -27.58 -21.38 50.92 15.00 137 ALA CA -28.23 -20.08 51.04 15.00 137 ALA CB -28.30 -19.68 52.49 15.00 137 ALA C -27.45 -19.04 50.25 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER C -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00		136 A	SP C				1. N.C. 14. C. 16. C. 1. C. 17.
137 ALA N -27.58 -21.38 50.92 15.00 137 ALA CA -28.23 -20.08 51.04 15.00 137 ALA CB -28.30 -19.68 52.49 15.00 137 ALA C -27.45 -19.04 50.25 15.00 137 ALA O -27.31 -17.91 50.69 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CA -26.18 -18.56 48.22 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00		136 A	SP 0				
137 ALA CA				-27.58	-21.38	50.92	
137 ALA CB		137 A	LA CA	-28.23	-20.08	51.04	
137 ALA C -27.45 -19.04 50.25 15.00 137 ALA O -27.31 -17.91 50.69 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CA -26.18 -18.56 48.22 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER OG -25.57 -20.33 46.67 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00		137 A	LA CB	-28.30			
137 ALA 0 -27.31 -17.91 50.69 15.00 138 SER N -26.97 -19.44 49.08 15.00 138 SER CA -26.18 -18.56 48.22 15.00 138 SER CB -25.05 -19.36 47.56 15.00 138 SER CG -25.57 -20.33 46.67 15.00 138 SER C -26.99 -17.81 47.16 15.00 138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00		137 A	LA C	-27.45	-19.04	50.25	
138 SER N			LA O	-27.31	-17.91		The state of the s
138 SER CA			12 1 2 22				1 4 4
138 SER CB				-26.18			
138 SER OG				-25.05	-19.36		(A) (1) (1) (1) (1)
138 SER C -26.99 -17.81 47.16 15.00 138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00				-25.57	-20.33	- 1975 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 197	
138 SER O -26.48 -16.88 46.52 15.00 139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00			ER C	-26.99	-17.81		
139 LEU N -28.23 -18.24 46.97 15.00 139 LEU CA -29.11 -17.68 45.97 15.00				-26.48	-16.88		A second
139 LEU CA -29.11 -17.68 45.97 15.00					-18.24		
		139 LI	EU CA	-29.11	-17.68		
140							
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		•					•

139 LEU CB		-18.70		15.00
139 LEU CG	2 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-19.89	44.71	15.00
139 LEU CD1	-28.41	-20.51	45.27	15.00
139 LEU CD2	-30.78	-20.93	44.65	15.00
139 LEU C	-29.76	-16.35	46.31	15.00
139 LEU 0	-30.20	-16.13	47.44	15.00
140 THR N	-29.82	-15.48	45.31	15.00
140 THR CA	-30.41	-14.15		
140 THR CB	-30.31	-13.40	44.07	15.00
140 THR OG1	-28.94	-13.06	43.81	• * * * * * *
140 THR CG2	-31.17	-12.14	44.06	15.00
140 THR C	-31.87	-14.27		15.00
140 THR 0	-32.36		46.66	15.00
141 SER N	-32.55			15.00
141 SER CA		-15.58	45.89	15.00
141 SER CB		-16.84	45.23	15.00
141 SER OG	-33.61	-17.94	45.44	15.00
141 SER C	-34.00		47.41	15.00
141 SER O	-34.83	194 (AMM) 4 6 c	48.07	15.00
142 PHE N	-33.07	-16.47	47.97	15.00
142 PHE CA	-32.99	-16.70		15.00
142 PHE CB	-31.94	-17.76	49.73	15.00
142 PHE CG	-31.90	-18.15	51.17	15.00
142 PHE CD1	-32.77	-19.12	51.66	15.00
142 PHE CD2	-31.02		52.05	15.00
42 PHE CE1	-32.75		53.00	15.00
42 PHE CE2	-31.00	-17.90	53.39	15.00
42 PHE CZ	-31.86	-18.87	53.86	15.00
42 PHE C	-32.73	-15.42	50.16	15.00
42 PHE O	-33.46	the state of the s	51.08	15.00
43 GLN N	-31.67		49.76	15.00
43 GLN CA	-31.30		50.40	15.00
43 GLN CB	-30 10	-12 81	40 70	15.00
43 GLN CG	-29 69	-11/45	EA 20	15.00
43 GLN CD	-28 34	-1:0: 01	JU.20	15.00
43 GLN CD 43 GLN OE1	-27 73	-10.51	EO 40	15.00
43 GLN NE2			20.40	13.00
43 GLN C	_32 50	_10 E1	40.04	15.00
43 GIN O	-32.30	-14.31	JU.43	15.00
43 GLN O	_32.70	-12.65	D1.44	15.00
44 PHE N	-33.48 -34.42	-14.51	49.36	15.00
44 PHE CA	_24.43	-11.62	49.26	15.00
44 PHE CB	-34.43	-10.90	47.89	15.00

	三分子 医二种糖合物 第		• * •		1.
	144 PHE CG	-33.21	-10.01	47.66	15.00
	144 PHE CD1	-32.96	-8.92	48 48	15 00
	144 PHE CD2	-32.31	-10.29	46.63	15 00
	144 PHE CE1	-31.83	-8.12	48 30	15 00
		/	-9.48	46 44	15 00
	T44 PHE CZ	-30.94	-8.40	47 27	15.00
	144 PHE C				15.00
	144 PHE 0	-36.83	-11.62	49.35	15.00
	145 TYR N	-35.78	-13.41	50.24	15 00
	145 TIR CA	37.03	-14.08	50.64	15.00
	145 TYR CB	-36.76	-15 42	E1 25	
	145 TYR CG	- 47 96	-16 00	F9 00	
	145 TYR CD1	-38.82	-16.92	51 46	1 E 00
	TAD TIK CET	-39.93	-17:45	52 13	15.00
	145 TYR CD2	-38.26	-15.62	53.38	15 00
	145 TYR CE2	-39.37	-16.13	54.05	15.00
	TAD TIK CZ	-40.20	-17 04	52. 42.	15 00
	145 TYR OH	-41.29	-17.54	54 12	15 00
	TAD IIN C	-37.90	-13 1R	51 50	75 00
	143 IIR U	-37.38	-12.43	52.36	15.00
	T40 SEK N	-39.21	-13.31	51 38	15 00
	146 SER CA	-40.13	-12.49	52.15	15.00
	146 SER CB	-40.37	-11.15	51.45	15.00
	146 SER OG	-40.91	-11.35	50.15	
	146 SER C		-13.15	52.51	15.00
	146 SER 0	-41.95	-12.96	53.62	15.00
	147 LYS N	-42.01	-13.92	51 58	15.00
	147 LYS CA	-43.30	-14.59	51.76	15.00
	147 LYS CB	-44.42	-13.76	51.10	15.00
	147 LYS CG	-44.60	-12.34	51.62	15.00
	TAN DIS CD	-45.05	-12.34	53.08	15.00
	147 LYS CE	-45.37	-10.92	53.58	15.00
	147 LYS NZ	-46.00		54.93	15.00
	147 LYS C	-43,37		51.20	15.00
	147 LYS 0	-42.63	-16.39	50.27	15.00
	148 GLY N	-44.29	-16.81	51.75	15.00
	148 GLY CA	-44.52		51.28	15.00
· · ·	148 GLY C	-43.46	-19.22	· ·	15.00
	148 GLY O	-42.47	-18.99	52.18	15.00
	149 VAL N	-43.70	-20.41		15.00
	149 VAL CA		-21.53		15.00
	149 VAL CB	-43.53	-22.90	50.95	15.00

	9	N		
149 VAL CG1	-42.55	-24.07	50.90	15.00
149 VAL CG2	-44.47	-23.08	52.14	15.00
149 VAL C	-41.69	-21.41	50.01	15.00
149 VAL 0	-41.94	-21.55	48.82	15.00
150 TYR N	V. V. V. I. V.	-21.08	50.48	15.00
150 TYR CA	-39.31		49.63	15.00
150 TYR CB	-38.12	-20.36	50.42	15.00
150 TYR CG	-36.84	-20.29	49.60	15.00
150 TYR CD1	-36.67	-19.30	48.63	15.00
150 TYR CE1	-35.54	-19.29	47.81	15.00
150 TYR CD2	-35.84		49.74	15.00
150 TYR CE2	-34.71		48.92	15.00
150 TYR CZ	-34.57	3 5	47.96	15.00
150 TYR OH	-33.48	-20.27	47.12	15.00
150 TYR C	-38.89	-22.18	48.89	15.00
150 TYR O	-38.88	-23.28	49.45	15.00
151 TYR N	-38.47	-21.98	47.65	15.00
151 TYR CA	-37.98	-23.03	46.77	15.00
151 TYR CB	-39.09	-23.99	46.35	15.00
151 TYR CG	-38.62	-25.09	45.42	15.00
151 TYR CD1	-37.92	-26.20	45.91	15.00
151 TYR CE1		-27.23	45.06	15.00
151 TYR CD2	-38.89	-25.04	44.05	15.00
151 TYR CE2	-38.49	-26.07	43.19	15.00
151 TYR CZ	-37.80	-27.16	43.70	15.00
151 TYR OH	-37.46	-28.21	42.87	15.00
151 TYR C	-37.35	-22.39	45.55	15.00
151 TYR O	er i film fra de fan	-21.33	45.07	15.00
152 ASP N	and the second of the second	-23.02	45.05	15.00
152 ASP CA	-35.59	181	43.86	15.00
152 ASP CB		-21.38	44.20	15.00
152 ASP CG		-20.68	42.97	15.00
152 ASP OD1	-33.52	-19.60	43.12	15.00
152 ASP OD2	-34.32	-21.20	41.84	15.00
152 ASP C	-34.83	-23.70	43.25	15.00
152 ASP O	-33.94	-24.27	43.89	15.00
123 GLU N	-35.15	-24.04	42.01	15.00
L53 GLU CA	-34.50	-25.15	41.34	15.00
53 GLU CB	-35.16	-25.45	40.00	15.00
123 GLU CG	-34.95	-24.38	38.96	15.00
53 GLU CD	-35.39	-24.81	37.56	15.00
53 GLU OE1	-35.72	-26.00	37.37	15.00

				age of the
153 GLU OE2	-35.40	-23.94	36.66	15.00
153 GLU C	-32.98	-25.02	41.17	15.00
153 GLU O	-32.30	-26.01	40.92	15.00
154 SER N	-32.46	-23.80	41.32	15 00
154 SER CA	-31.02	-23.56	41.18	15.00
154 SER CB	-30.77	-22.15	40.66	15.00
154 SER OG	-31.56	-21.91	39.50	15.00
154 SER C	-30.23	-23.82	42.46	15 00
154 SER 0	-28.99	-23.76	42.45	15 00
155 CYS N	-30.94	-24.13	43 53	15 00
155 CYS CA	-30.35	-24.39		15 00
TOO CIS C	-29.60	-25.71	44.92	15 00
135 CIS 0	-30.20	-26.78	44.85	15.00
155 CYS CB	-31.43	-24.32	45.91	15.00
155 CYS SG	-30.84	-23 76	47 52	15 00
156 ASN N	-28.29	-25.64	45.11	15 00
TOO WOW CW	-27.46	-26.84	45.20	15.00
156 ASN CB	-26.08	-26.58	44.61	15 00
156 ASN CG	-25.26	-27.05	44 40	20 <u>22</u> 1.22
TOO WOW OUT	-25.77	-28 97	AA EC	45 00
TOO WOW NDS	-23.96	-27.69	44.26	15.00
156 ASN C	-27.33	-27.51	46.58	15.00
136 ASN U	-26.74	-26.95	47.51	15.00
157 SER N	-27.78	-28.76	46.65	15.00
TO SER CA	-27.73	-29.53	47.88	15.00
157 SER CB	-28.66	-30.74		15.00
157 SER OG	-28.22	-31.64	46.80	15.00
157 SER C	-26.33	-29.97	48.29	15.00
157 SER 0	-26.16	-30.58	49.35	15.00
158 ASP N	-25.34	-29.71	47.43	15.00
158 ASP CA 158 ASP CB	-23.95	-30.07	47.71	15.00
	-23.35	-30.92	46.59	15.00
158 ASP CG	-24.02	-32.27	46.47	15.00
158 ASP OD1 158 ASP OD2	-24.01		47.47	15.00
Provide the second of the seco		-32.55	45.38	15.00
158 ASP 0		-28.84	47.97	15.00
		-28.90	47.96	15.00
159 ASN N 159 ASN CA	-23.76	-27.70	48.14	15.00
				15.00
				15.00
				15.00
-22 YOU OUT	-21.74	-24.00	48.41	15.00

		8		and the second of the
159 ASN ND2	-22.86	-23.16	46.67	15.00
159 ASN C	-23.69	-25.99		
159 ASN 0	-24.50	-25.06		1.1.11
160 LEU N	-23.39	-26.71		
160 LEU CA	-23.89			
160 LEU CB	-23.90			
160 LEU CG	-24.57	-28.92		15.00
160 LEU CD1	-24.38	-30.01		15.00
160 LEU CD2	-26.04	-28.72	52.33	15.00
160 LEU C	-23.01	-25.25		15.00
160 LEU O	-21.92	-25.48	53.22	
161 ASN N	-23.52	-24.02	52.60	for the first of the first
161 ASN CA	-22.76	-22.83	53.00	
161 ASN CB	-22.57	-21.92	51.79	and the second of the second o
161 ASN CG	-23.88	-21.63	51.05	
161 ASN OD1	A	-20.95	51.55	15.00
161 ASN ND2	-24.00	-22.18	49.86	15.00
161 ASN C	-23.26	-22.01	54.20	15.00
161 ASN 0	-22.55	-21.12	54.69	15.00
162 HIS N	-24.46	-22.32	54.68	15.00
162 HIS CA	-25.05	-21.57	55.79	15.00
162 HIS CB	-25.96	-20.49	55.23	15.00
162 HIS CG	-26.59	-19.59	56.25	15.00
162 HIS CD2		-19.21	56.42	15.00
162 HIS ND1	-25.86	-18.91	57.21	15.00
162 HIS CE1	-26.66		57.91	15.00
162 HIS NE2	-27.89	-18.30	57.45	15.00
162 HIS C	-25.78	The state of the s	56.78	15.00
162 HIS O	-26.69	-23.22	56.39	15.00
163 ALA N	-25.32	-22.55	58.02	15.00
163 ALA CA	-25.96		59.05	15.00
163 ALA CB		-23.74	60.15	15.00
163 ALA C	-27.13	-22.57	59.62	15.00
163 ALA O	-26.96	-21.42	60.03	15.00
164 VAL N	-28.29	-23.20	59.71	15.00
164 VAL CA	-29.50	-22.54	60.16	15.00
164 VAL CB	-30.35	-22.26		
164 VAL CG1	-31.36	-23.35	58.63	15.00
164 VAL CG2	-30.92	-20.89	58.89	15.00
164 VAL C	-30.20	-23.45	61.21	15.00
164 VAL O	-29.65	-24.48	61.57	15.00
165 LEU N	-31.35	-23.06	61.74	15.00

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165 LEU CA	-32.05	-23.90	62.72	15.00
165 LEU CB	-32.05		64.11	
165 LEU CG	-32.78	-23.96		
165 LEU CD1		-25.18	65.72	
165 LEU CD2	-32.97	-22.99		
165 LEU C	-33.48	-24.25	62.31	o
165 LEU 0	-34.26	-23.36	61.97	15.00
166 ALA N	-33.83	-25.54	62.36	15.00
166 ALA CA	-35.17	-26.00		15.00
166 ALA CB	-35.08	-27.37	61.33	
166 ALA C	-36.09	-26.07	63.23	
166 ALA O	-36.08	-27.05	63.97	15.00
167 VAL N	-36.92	-25.04	63.39	15.00
167 VAL CA	-37.82	-24.95	64.54	15.00
167 VAL CB	-37.90	-23.48	65.05	
167 VAL CG1	the state of the s	-22.98	65.43	15.00
167 VAL CG2	-38.52	-22.57	64.00	15.00
167 VAL C	-39.23	-25.53		15.00
167 VAL O	-40.12	-25.32		15.00
168 GLY N	-39.43	-26.27	63.27	15.00
168 GLY CA	-40.73	-26.86	63.04	15.00
168 GLY C	-40.94	-27.30	61.61	15.00
168 GLY 0	-40.00	-27.42	60.82	
169 TYR N	-42.21	-27.55	61.29	15.00
169 TYR CA	-42.63	-28.00	59.98	15.00
169 TYR CB	-42.14	-29.44	59.67	15.00
169 TYR CG	-42.65	-30.54	60.59	15.00
169 TYR CD1		-31.12	60.41	15.00
169 TYR CE1		-32.15	61.25	15.00
169 TYR CD2	-41.86	-31.02	61.63	15.00
169 TYR CE2	-42.31	-32.06	62.47	15.00
169 TYR CZ	-43.57	-32.61	62.27	15.00
169 TYR OH	-44.00	-33.61	63.11	15.00
169 TYR C	-44.14	-27.91	59.91	15.00
169 TYR O	-44.83	-27.98	: '.	15.00
170 GLY N	-44.65	-27.78	58.70	15.00
170 GLY CA	-46.08	-27.68		15.00
170 GLY C	-46.38	-27.73	57.04	15.00
170 GLY 0	-45.57			15.00
171 ILE N	-47.52	-27.17	56.68	15.00
171 ILE CA	-47.97	-27.14	55.30	15.00
171 ILE CB	-48.87	-28.38	55.01	15.00

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171 ILE CG2	-49.85	-28.63	56.15	15.00
171 ILE CG1	-49.58	-28.25	53.67	15.00
171 ILE CD1	-50.27	-29.51	53.26	15.00
171 ILE C	-48.71	-25.83	55.06	15.00
171 ILE 0	-49.51	-25.40	55.88	15.00
172 GLN N	-48.35	-25.13	53.99	15.00
172 GLN CA	-48.99	-23.87	53.65	15.00
172 GLN CB	-48.01	-22.70	53.72	15.00
172 GLN CG	-48.67	-21.36	53.62	15.00
172 GLN CD	-47.71	-20.23	53.89	15.00
172 GLN OE1	-47.35	-19.97	55.05	15.00
172 GLN NE2	-47.27	-19.55	52.84	15.00
172 GLN C	- 10	-24.00	52.25	15.00
172 GLN 0	-48.88	-24.13	51.26	15.00
173 LYS N		-23.99	52.20	15.00
173 LYS CA	-51.68	-24.15	50.97	15.00
173 LYS CB	-51.66		50.10	15.00
173 LYS CG	-52.38	-23.03	48.72	15.00
173 LYS CD	-53.92	-23.15	48.79	15.00
173 LYS CE	-54.45	-24.44	49.47	15.00
173 LYS NZ	-54.10	-25.73	48.79	15.00
173 LYS C	-51.15	-25.34	50.20	15.00
173 LYS 0	-50.54	-25.19	49.14	15.00
174 GLY N	-51.31	-26.53	50.77	15.00
174 GLY CA	-50.84	-27.73	50.10	15.00
174 GLY C	-49.36	-27.74	49.76	15.00
174 GLY 0	-48.95	-28.42	48.82	15.00
175 ASN N	-48.57	-26.97	50.50	15.00
175 ASN CA	-47.12	-26.90	50.30	15.00
175 ASN CB	-46.69	-25.54	49.74	15.00
175 ASN CG		-25.43	48.24	15.00
175 ASN OD1			47.48	15.00
175 ASN ND2	-48.13	-25.38	47.79	15.00
175 ASN C	-46.40	-27.18	51.61	15.00
175 ASN 0	-46.33	-26.31	52.49	15.00
TNO DIZ W	-45.91	-28.41	51.76	15.00
176 LYS CA	-45.18	-28.82	52.97	15.00
176 LYS CB	-44.88	-30.32	52.95	15 00
176 LYS CG	-46.14	-31.18	52.92	15.00
176 LYS CD	-45.83	-32.64	52.63	15.00
176 LYS CE	-47.08	-33.51	52.74	15.00
176 LYS NZ	-47.62	-33.57	54.13	15.00

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	in the second of the second			
176 LYS C	-43.90	-28.00	53.08	15.00
176 LYS 0	-43.34	-27.58		
177 HIS N	-43.42	-27.80	54.30	
177 HIS CA	-42.23	-26.99	54.52	
177 HIS CB	-42.58	-25.51		
177 HIS CG	-43.53	-25.04	55.43	
177 HIS CD2	and the second second second	-24.83		
177 HIS ND1		-24.83		15.00
177 HIS CE1	er tier werdt gaalle to	-24.50		15.00
177 HIS NE2	-44.59	-24.50		the state of the s
177 HIS C	-41.62		55.88	15.00
177 HIS 0	-42.21	-27.92		15.00
178 TRP N	-40.49	-26.58		15.00
178 TRP CA	-39.74	-26.60	57.38	15.00
178 TRP CB	-38.28	-27.02	57.18	15.00
178 TRP CG	-38.08	-28.36	56.62	
178 TRP CD2	-38.10	-29.59		
178 TRP CE2		-30.62		15.00
178 TRP CE3	-38.30	-29.94	58.68	15.00
178 TRP CD1		-28.67	55.32	15.00
178 TRP NE1	-37.68	-30.02	55.18	15.00
178 TRP CZ2		-31.98	56.77	15.00
178 TRP CZ3		-31.28	59.05	15.00
178 TRP CH2	-37.99	-32.28	58.09	15.00
178 TRP C	-39.76	-25.15	57.89	15.00
178 TRP 0		-24.21	57.10	15.00
179 ILE N		-24.95	59.18	15.00
179 ILE CA		-23.60	59.72	15.00
179 ILE CB	-40.92	-23.46	60.92	15.00
179 ILE CG2	-41.00	-22.01	61.38	15.00
179 ILE CG1		-23.91	60.50	15.00
179 ILE CD1	-43.31	-23.94	61.64	15.00
	-38.50		60.10	15.00
179 ILE 0	-37.97		61.00	15.00
180 ILE N	-37.84	-22.48	59.36	15.00
180 ILE CA	-36.43	-22.18	59.55	15.00
180 ILE CB	-35.67	-22.22		15.00
180 ILE CG2	-34.25		58.35	15.00
	-35.73	-23.63	57.58	
180 ILE CD1	-35.19		58.48	15.00
180 ILE C	-36.14	-20.84	60.22	
180 ILE O	-36.63			15.00

181 LYS N	-35.33	-20.88	61.27	15.00
181 LYS CA	-34.93	-19.68	62.01	
181 LYS CB	-34.89	-19.94	63.51	15.00
181 LYS CG	-34.35	-18.76	64.31	
181 LYS CD				
181 LYS CE	-33.68		7 SA 17 W	15.00
181 LYS NZ			68.01	15.00
181 LYS C	-33.55	-19.25		
181 LYS 0	-32.61			
182 ASN N	-33.43	-18.00		
182 ASN CA	-32.16			
182 ASN CB	-32.35		59.19	
182 ASN CG		-16.69		
182 ASN OD1	-30.02			15.00
182 ASN ND2		-15.95	57.31	15.00
182 ASN C	-31.49			15.00
182 ASN 0			62.52	
183 SER N	-30.20	-16.28	61.35	15.00
183 SER CA	-29.44		62.20	
183 SER CB	-28.30		62.93	15.00
183 SER OG	<ul> <li>1 8 800 A 5 800 K 19 1</li> </ul>	-16.88	62.05	15.00
183 SER C	-28.93	-14.14	61.42	15.00
183 SER O	-27.77	-13.73	A 10.00 (2011) 1	15.00
184 TRP N	-29.81	-13.60	60.57	15.00
184 TRP CA	-29.50	-12.41	and the second second	15.00
184 TRP CB	-29.71	-12.65	58.29	15.00
184 TRP CG			57.67	
184 TRP CD2	-28.66			15.00
184 TRP CE2	-27.47	-14.81	56.23	15.00
184 TRP CE3	-29.58		55.31	15.00
184 TRP CD1	-27.46	-13.86	58.25	15.00
184 TRP NE1	-26.76		57.39	15.00
184 TRP CZ2	-27.18	-15.53	55.06	15.00
184 TRP CZ3	-29.29	-14.76	54.16	15.00
184 TRP CH2	-28.09	-15.49	54.04	15.00
184 TRP C	-30.34	-11.22	60.27	15.00
184 TRP 0	-30.59	-10.27	59.53	15.00
TOO GDI M	-30.78	-11.31	61.52	15.00
182 GLY CA	-31.57	-10.25	62.10	15 00
185 GLY C	-33.05	-10.45	61.90	15.00
182 GLY O	-33.50	-11.18	61.01	15.00
186 GLU N	-33.81	-9.76	62.75	15.00
the second of th	A			

186 GLU CA	-35.27	-9.78	62.74	15.00
186 GLU CB	-35.81			
186 GLU CG	-37.34	-9.12		
186 GLU CD	-37.84	-9.82		15.00
186 GLU OE1		-9.33		
186 GLU OE2	-38.54	-10.87		15.00
186 GLU C	-35.85	-9.11	61.50	
186 GLU O	-36.99	-9.36	61.12	
187 ASN N	-35.05	-8.27	60.84	
187 ASN CA	-35.52	-7.59		15.00
187 ASN CB	-35.00	-6.16	59.56	15.00
187 ASN CG	-36.02	-5.17	60.07	15.00
187 ASN OD1	and the second s		61.20	15.00
187 ASN ND2	-37.05	-4.90	59.25	15.00
187 ASN C	-35.23	-8.31	58.33	15.00
187 ASN 0	-35.26	-7.72	57.27	15.00
188 TRP N	-34.94	-9.60	58.43	15.00
188 TRP CA	-34.68	-10.39	57.25	15.00
188 TRP CB	-33.32	-11.10	57.33	15.00
188 TRP CG	-33.12	-12.00	56.19	15.00
188 TRP CD2	-33.49	-13.38	56.12	15.00
188 TRP CE2	-33.22	-13.81	54.80	15.00
188 TRP CE3	-34.04	-14.29	57.03	15.00
188 TRP CD1	-32.64	-11.66	54.96	15.00
188 TRP NE1	-32.71	-12.74	54.12	15.00
188 TRP CZ2	-33.48	-15.13	54.37	15.00
188 TRP CZ3		-15.60	56.60	15.00
188 TRP CH2	-34.02	-16.00	55.28	15.00
188 TRP C	-35.82	-11.39	57.10	15.00
188 TRP 0	-36.41	-11.81	58.09	15.00
189 GLY N	-36.11	-11.76	55.85	15.00
189 GLY CA	-37.16	-12.72	55.57	15.00
189 GLY C	-38.43		56.32	15.00
189 GLY O	-38.82	-11.20	56.40	15.00
190 ASN N	-39.08	-13.38	56.89	15.00
190 ASN CA	-40.30	-13.15	57.64	15.00
190 ASN CB	-41.37	-14.19	the second second	15.00
190 ASN CG	-42.78	-13.73	57 60	15 00
TOU ASM ODI	-43.76	-14.38	57.34	15.00
190 ASN ND2	-42.88	-12.59	58.37	15.00
190 ASN C	-40.02	-13.14	59.13	15.00
190 ASN 0	-40.22	-14.15	59.80	15.00

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	191 LYS N	-39.56	-11.99	59.63	15.00
	191 LYS CA	-39.23	-11 78	61.05	15 00
ier, i.	191 LYS CB	-40.40	-12.11	61.99	15.00
	191 LYS CG	-41.62	-11.23	61.84	15.00
	191 LYS CD	-42.63	-11.52	62.95	15 00
	191 LYS CE	-43.99	-10.85	62.71	15.00
`\$	191 LYS NZ	-44.94	-11.70	61.92	15.00
· ·	191 LYS C	-37.98	-12.58	61.45	15.00
	191 LYS 0		-12.95	62.61	15.00
	192 GLY N	-37.13	-12.82	60.45	15.00
· ' · · · · ·	192 GLY CA	-35.90	-13.56	60.66	15.00
W	192 GLY C	-36.13	-15.04	60 40	15 00
	192 GLY 0	-35.29	-15.88	60.72	15 00
	TAR U	-37.28	-15.34	59.80	15.00
	193 TYR CA	-37.66	-16.70		15.00
ri e	193 TYR CB	-38.91	-17.11	60.25	15.00
().	193 TYR CG	-38.66	-17.45	61.68	15.00
	193 TYR CD1	-38.59	-16.46	62.66	15.00
	193 TYR CE1	-38.33	-16.78	63 98	15 00
4 14	193 TYR CD2	-38.48	-18.78	62.07	15.00
	193 TYR CE2	-38.22	-19.11	63.38	15.00
	193 TYR CZ	-38.15	-18.11	64.34	
:	193 TYR OH	-37.89	-18.43	65.64	15.00
	193 TYR C	-37.86	-16.93	58.01	15.00
	193 TYR 0	-37.92	-15.99	57.22	15.00
	194 ILE N	-37.97	-18.20	57.65	15.00
	194 ILE CA	-38.20	-18.60	56.28	15.00
	194 ILE CB	-36.88	-18.58	55.44	15.00
<i>.</i>	194 ILE CG2	-35.81	-19.44	56.08	15.00
	194 ILE CG1	-37.16	-19.03	54.00	15 00
	194 ILE CD1	-36.05	-18.68	53.02	15.00
	194 ILE C				
d i i		-38.54			15.00
	195 LEU N		-20.20	55.42	15.00
7	195 LEU CA	-40.50		55.30	15.00
÷	195 LEU CB	-42.00	-21.36	55.08	15.00
· · · ·	195 LEU CG	-42.81	-20.66	56.16	15.00
·}	195 LEU CD1	-44.27	-20.65	55.77	15.00
	195 LEU CD2	-42.60	-21.36	57.49	15.00
. · .	195 LEU C	-39.83	たことが マッコータール		15.00
· ·	195 LEU 0	-39.85 -		53.04	15.00
	196 MET N	-39.17 -	-23.23	54.23	15.00

				59 F 3
196 MET CA		-23.84	53.10	15 00
196 MET CB	-37.01	-24.08	53.39	
196 MET CG		-22.83	53.37	and the second of the second
196 MET SD	-34.45	-23.19	53.93	15.00
196 MET CE	-33.63	-23.67	52.36	
196 MET C		-25.14		
196 MET O		-25.89	53.59	and the second second
197 ALA N		-25.41	51.41	15.00
197 ALA CA			50.87	
197 ALA CB	, the second of	-26.70	49.36	
197 ALA C	-39.42			
197 ALA O		-28.21	51.67	
198 ARG N	-40.41	-28.73	51.91	15.00
198 ARG CA	36 49 20 3		52.57	15.00
198 ARG CB	-40.77	2 A 56 SO 1 SO 1 SO 1 ST 575 CC 1	53.98	15.00
198 ARG CG	-40.78	-31.39	54.66	15.00
198 ARG CD	-41.18	SOME A STREET	56.12	15.00
198 ARG NE	-42.52	AR I MAMBARATAN	56.31	
198 ARG CZ			56.40	15.00
198 ARG NH1	and the second s	-32.80	56.31	15.00
198 ARG NH2	a line	A 100 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	56.62	15.00
198 ARG C	-40.74	-31.13	51.71	15.00
198 ARG 0	-41.84	-31.00	51.16	15.00
199 ASN N 199 ASN CA	-39.98	-32.21	51.61	15.00
199 ASN CA	-40.35	-33.37	50.81	15.00
199 ASN CG	-41.72		51.23	15.00
199 ASN CG	1.0	-34.55	52.61	15.00
199 ASN ND2			53.26	15.00
199 ASN C		-35.01	53.07	15.00
199 ASN O	-40.31 -41.10	-33.04		15.00
200 LYS N	-41.18 -39.30	-33.43	48.57	15.00
200 LYS CA		-32.27 -31.88		15.00
200 LYS CB	-39.46	1 . 7 1 . 7 . 3 . 4. 4.	1.454	15.00
200 LYS CG	-39.74		47.32	15.00
200 LYS CD			45.87	15.00
200 LYS CE	-41.92	-30.05	45.59	15.00
200 LYS NZ	and the second of the second o	-28.93 -28.94	46.40	
200 LYS C	-43.41 -37.68	-20.84 -30.17	46.21	15.00
200 LYS 0	-36.89	-32.17		
201 ASN N			46.91	15.00
201 ASN CA	-36.00	-33.46 -33.95		15.00
		JJ. JD	46.83	15.00

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201 ASN CB	-35.78	-34.02	45.31	15.00
201 ASN CG	-36.19	-32.75	44.59	
201 ASN OD1			43.87	
201 ASN ND2	-35.40	-31.70	44.76	15.00
201 ASN C				
201 ASN O	-33.84	-32.88	46.92	15.00
202 ASN N			48.86	15.00
202 ASN CA			49.74	A 7 LK 12 14 11
202 ASN CB	A 100 A	-33.42	49.89	and the second second
202 ASN CG	-31.91	-33.12	51.13	15.00
202 ASN OD1		-32.48	52.07	ALCOHOLOGICAL CONTRACTOR
202 ASN ND2	-30.67	-33.60	51.13	15.00
	-33.56	-31.08	49.33	15.00
202 ASN 0	-32.39	-30.82	49.02	15.00
	-34.51	-30.16	49.36	41 A 2017 A 15 22 C 1
203 ALA H	-35.31	-30.45	49.85	15.00
203 ALA CA	-34.34	-28.77	48.93	15.00
203 ALA CB	-35.57	-27.93		15.00
203 ALA C	-33.15		22 15 GRADIN CO. C. C.	15.00
203 ALA O	-33.11	-27.98	50.89	15.00
204 CYS N	-32.16	-27.74	48.86	******
204 CYS CA	-30.95	-27.06	49.31	15.00
204 CYS C	-30.08	-27.85	50.28	15.00
204 CYS 0	-29.25	-27.26	50.98	15.00
204 CYS CB	-31.27	-25.68	49.90	15.00
204 CYS SG	-32.21	-24.52	48.84	vi 1900-1941 (1050)
205 GLY N	-30.24	-29.17	50.32	15.00
	-29.45	-29.99	51.22	15.00
205 GLY C	-29.93	-29.89	52.66	15.00
205 GLY 0	-29.14	-30.07	53.60	
206 ILE N	-31.23	-29.68		15.00
206 ILE CA		-29.52	54.15	15.00
206 ILE CB	-33.39	-29.24	54.01	15.00
206 ILE CG2	-34.12	-30.44	53.42	15 00
206 ILE CG1	-34.00	-28.84	55.35	15 00
THE CDI	-33.66	-27.44	55.81	15.00
100 ITE C	-31.57	-30.69	55.11	15.00
206 ILE 0	-31 39	-30 47	56 21	15 00
07 ALA N	-31.46	-31.91	54.59	15.00
O ALA CA	-31.21	-33.09	55.42	15.00
07 ALA CB	-32.32	-34.12	55.21	15.00
07 ALA C	-29.83	-33.73	55.24	15.00
and the second s				

## TABLE V

207 ALA O		-34.86	55.66	15.00
208 ASN N	-28.92	-32.98	54.65	
208 ASN CA		-33.50	54.42	15.00
208 ASN CB		-32.79	53.25	
208 ASN CG	-27.23	-33.43	51.92	
208 ASN OD1		-34.59	51.86	15.00
208 ASN ND2				
208 ASN C	-26.68	-33.44	55.65	
208 ASN 0	-25.80	-34.29	55.81	
209 LEU N	-26.91	-32.46		15.00
209 LEU CA	-26.09	-32.29	57.72	15.00
209 LEU CB	-24.96	-31.30	57.44	15.00
209 LEU CG		-31.44	58.30	15.00
209 LEU CD1	-22.81	-32.53	57.75	15.00
209 LEU CD2	-22.95	-30.12	58.33	15.00
209 LEU C	-26.86		58.99	15.00
209 LEU 0	[4] A. M. Garrison, Phys. Lett. B 58, 120 (1997).	-31.04	59.74	15.00
210 ALA N	18 000 114 0000 00 NOON 10 H.	-32.56	59.23	15.00
210 ALA H	-27.89		58.64	and the second second
210 ALA CA	-28.78	-32.25	60.42	
210 ALA CB		-31.67	60.51	15.00
210 ALA C	-28.24		61.63	15.00
210 ALA O		-34.20	2.0	15.00
211 SER N	-28.17		62.78	15.00
211 SER CA	- N - 400 M - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	-32.98	64.03	15.00
211 SER CB	<ul> <li>** (*) ** (*) ** (*) ** (*) ** (*) **</li> </ul>	-33.01	64.15	15.00
211 SER OG	-25.65		64.29	15.00
211 SER C		-32.28	65.24	15.00
211 SER 0	-28.93	A Company of the Comp	65.11	15.00
212 PHE N	-28.18		66.41	15.00
212 PHE CA	-28.74		67.61	15.00
212 PHE CB	-30.25	-32.56	67 71	15 00
212 PHE CG	-30.62	-34.00	67.79	15.00
212 PHE CD1	-31.04 -	-34.69	66 66	15.00
212 PHE CD2	-30.53 -	-34.69		15.00
212 PHE CE1				15.00
212 PHE CE2	-30.85 -		69.07	15.00
212 PHE CZ	-31.27		67.94	15.00
212 PHE C	-28.01 -	32.78	on the real of the second	15.00
212 PHE 0	-27.55 -	3.0	*	15.00
213 PRO N	-27.92 -		69.88	15 00
213 PRO CD	-28.60 -	30.60	69 99	15.00
				TO . U.Q

## TABLEV

213 PRO CA	-27.25	-32.25	71.13	15.00
213 PRO CB	-27.11	-30.89	71.80	15.00
213 PRO CG		-30.26		
213 PRO C	-28.13	-33.17	71.96	
213 PRO O		-33.23		
214 LYS N		-33.94		
214 LYS CA		-34.82		15.00
214 LYS CB	-27.71	-36.27	73.59	
214 LYS CG	-27.91	-36.90	72.23	15.00
214 LYS CD	-27.28	-38.29	72.16	15.00
214 LYS CE	-25.79	-38.27	72.50	15.00
214 LYS NZ	-25.11	-39.56	72.18	15.00
	-27.84			15.00
	-26.76		75.24	15.00
215 MET N		-34.27	75.99	15.00
215 MET CA	-28.55		77.34	15.00
215 MET CB	1 4 45.00 45.01 1		77.70	15.00
215 MET CG				15.00
215 MET SD			77.80	15.00
215 MET CE	the contract of the contract o	-28.54	76.81	15.00
215 MET C	-28.66		78.34	15.00
215 MET OT1	-27.81		79.26	15.00
215 MET OT2	-29.54	and the second of the second o	78.16	
216 нон он2		-20.86		15.00
217 НОН ОН2	ta a situation to	-32.43	79.67	15.00
218 нон он2	-31.33		65.47	15.00
219 нон он2				15.00
220 нон он2		A CO. 10 CO.		15.00
221 нон он2	11019	-12.55		15.00
222 нон он2		-23.23		15.00
223 нон он2	V.5	-30.64	72.74	and the state of t
224 нон он2	-30.92	-18.33	68.20	15.00
225 HOH OH2	-24.49	-30.79	61.59	15.00
226 нон он2	-15.06	-10.95	61.61	15.00
227 нон он2	-14.14	-21.84	66.38	15.00
228 нон он2	-45.46	-29.94	49.49	15.00
229 нон он2	-45.53	-34.98	55.75	15.00
30 HOH OH2	-37.47	-12.36	67.54	15.00
31 HOH OH2	-32.59	-13.97	60.21	15.00
232 HOH OH2	-23.45	-33.51	51.76	15.00
33 HOH OH2	-9.95	-25.41	63.34	15.00
34 нон он2	-57.83	-31.91	39.28	15.00

## TABLE V

. •				
235 нон он	12 -30.0	-20.10	63.45	15.00
236 нон он		l -29.91	61.97	
237 нон он	4			
238 нон он				
239 нон он				
240 нон он		-27.16		
241 нон он		-24.80	49.57	
242 нон он		-32.65		
243 нон он		-9.00	77.82	
244 НОН ОН		-14.85		
245 нон он		-3.01		
246 нон он:		-28.51		15.00
247 нон он:				15.00
248 HOH OH		-11.08	74.86	15.00
249 HOH OH2		-18.99	72.85	
250 нон он2	-12.50	-24.63	81.88	15.00
251 нон он2	×	-35.31	58.10	15.00
252 нон он2			53.39	15.00
253 нон он2		-28.95	46.18	15.00
254 нон он2	75.75		46.75	15.00
255 нон он2			54.37	15.00
256 нон он2		-16.40	67.58	15.00
257 нон он2		-16.23	66.45	15.00
258 нон он2			73.69	15.00
259 нон он2			75.95	15.00
260 нон он2			60.30	15.00
261 нон он2			62.81	15.00
262 нон он2			69.68	15.00
263 нон он2		-45.02	74.42	15.00
264 нон он2			71.08	15.00
265 нон он2	VA 17 7 - 31 - 4	-25.33	61.28	15.00
266 нон он2		-42.28	58.81	15.00
267 НОН ОН2	100	-32.75	61.19	15.00
268 нон он2	-24.87	-33.89		15.00
269 НОН ОН2		-32.79	71.85	15.00
270 НОН ОН2		-40.52	59.53	15.00
271 НОН ОН2		-37.41	78.35	15.00
272 нон он2			71.33	15.00
273 HOH OH2		-35.40	88.70	15.00
	-13.04	-12.02	63.26	15.00
275 НОН ОН2			72.80	15.00
276 НОН ОН2	-28.58	-30.13	56.41	15.00

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277	HOH	OH2	-29	.86	-20.	69	48.2	7	15.0	0
278	HOH	OH2	-26	5.77	-22.	94	44.3	7	15.0	0
279	нон	OH2	-25	.17	-36.	24	49.6	8	15.0	0
280	HOH	OH2	-15	.40	-31.	57	49.9	9	15.0	0
281	нон	OH2	-34	.95	-29.	42	45.5	2	15.0	0
282	HOH	OH2	-37	. 69	-30.	43	50.5	1. 18 1.16	15.0	

## TABLE VI

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A<sup>2</sup>) for the cathepsin K complex with inhibitor 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide.

Residue Atom	X	V	2	
			( ) 이 시간 시간 시간 ( ) 기가 시간 시간 시간	В
1 ALA CB	-53.28	-28.69	64.46	15.00
1 ALA C	-53.74	-30.77	63.13	N
1 ALA O	-54.17	-31.71	63.79	15.00
1 ALA N	-55.61	-29.36	63.92	15.00
1 ALA CA	-54.20	-29.34	63.43	15.00
2 PRO N	-52.92	-30.93	62.07	15.00
2 PRO CD	-52.55	-29.87	61.11	15.00
2 PRO CA	-52.38	-32.23	61.65	15.00
2 PRO CB	-52.22	-32.03	60.15	15.00
2 PRO CG	-51.68	-30.61	60.09	15.00
2 PRO C	-51.02	-32.37	62.31	15.00
2 PRO O	-50.88	-32.09	63.50	15.00
3 ASP N	-50.02	-32.75	61.52	15.00
3 ASP CA	-48.67	-32.92	62.02	15.00
3 ASP CB	-47.96	-34.03	61.25	15.00
3 ASP CG	-48.48	-35.41	61.59	15.00
3 ASP OD1	-49.68	-35.69	61.38	15.00
3 ASP OD2	-47.66	-36.24	62.06	15.00
3 ASP C	-47.93	-31.60	61.84	15.00
3 ASP O	-47.35	-31.34	60.78	15.00
4 SER N	-48.02	-30.74	62.84	15.00
4 SER CA	-47.34	-29.45	62.82	15.00
4 SER CB	-48.32	-28.34	62.42	15.00
4 SER OG	-48.91	-28.65	61.17	15.00
4 SER C	-46.76	-29.17	64.20	15.00
4 SER O	-47.33	-29.58	65.22	15.00
5 VAL N	-45.60	-28.54	64.23	15.00
5 VAL CA	-45.00	-28.20	65.51	15.00
5 VAL CB	-44.16	-29.36	66.11	15.00
5 VAL CG1	-42.89	-29.57	65.35	15.00
5 VAL CG2		-29.08	67.57	15.00
5 VAL C	-44.21	-26.91	65.37	15.00
5 VAL O	-43.46	-26.73	64.41	<b>15.00</b>
6 ASP N	-44.48	-25.98	66.27	15.00

		and the second second		9 m 2003 (1200)
108 ARG CD	-26.86	-36.86	79.28	15.00
108 ARG NE	-26.63		78.60	
108 ARG CZ	-27.58	-38.89	78.03	15.00
108 ARG NH1	-28.85	-38.51	78.05	15.00
108 ARG NH2			77.45	
108 ARG C	-23.64	-35.78	76.18	
108 ARG 0	-23.84			
109 GLY N		-35.03		15.00
109 GLY CA	-22.97	-35.63	73.87	15.00
109 GLY C				15.00
109 GLY 0	-24.27	-33.85	72.95	
110 TYR N	-24.09			
110 TYR CA	-24.89			
110 TYR CB	-24.12	-34.08	69.91	15.00
110 TYR CG	-22.86	-34.56	69.20	15.00
110 TYR CD1	-21.64	-34.62	69.87	<ul> <li>5. 1907 (2.78, 1997)</li> </ul>
110 TYR CE1	-20.49			15.00
110 TYR CD2	-22.90	-34.93	67.85	15.00
110 TYR CE2	-21.75	-35.34	67.19	1 1 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2
110 TYR CZ	-20.55			
110 TYR OH	-19.39			
110 TYR C	-25.22			N C S. 1 CO. 2 CO. 1
110 TYR O		-37.21		15.00
111 ARG N	-26.34		68.92	15.00
111 ARG CA	-26.76	-37.08		15.00
111 ARG CB	-28.02			
111 ARG CG	-27.81	And the second second second	69.48	15.00
111 ARG CD	-28.75			
111 ARG NE		-41.28	69.36	15.00
111 ARG CZ	-27.89	-42.06	70.44	10,000,000,000,000,000
111 ARG NH1		-43.18	70.36	15.00
111 ARG NH2	-28.50	-41.73	71.58	15.00
111 ARG C	-26.99	-36.46	66.54	15.00
111 ARG O	-27.67	-35.45	66.41	15.00
112 GLU N	-26.41			
112 GLU CA	-26.56	-36.57	64.14	15.00
112 GLU CB	-25.36	-37.00	63.29	15.00
112 GLU CG	-24.03	-36.42	63.76	15.00
112 GLU CD	-23.34	-35.56	62.70	15.00
	-23.95		62.22	
112 GLU OE2	-22.18			
112 GLU C	-27.86			
112 GLU O			64.27	

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	1.2				
	113 ILE N	-28.13	-36.87	62.29	15.00
3.4	113 ILE CA	-29.35	-37.38	61 64	15 00
	113 ILE CB	-30.38	-36.25	61.34	15 00
	113 ILE CG2	-31.67	-36.83	60.78	15.00
	113 ILE CG1	-30.71	-35.45		15.00
	113 ILE CD1		-36.20		15.00
	113 ILE C	-28.85	-37.98		15.00
	113 ILE 0	-27.91	-37.46	59.73	15.00
	114 PRO N	-29.41	-39.13	59.92	15 00
Mag	114 PRO CD	-30.48	-39.91	60.57	15 00
ĸŅŰ.	114 PRO CA	-28.98	-39.77	58.68	
Á, W	114 PRO CB	-30.10	-40.78	58 43	
	114 PRO CG	-30.41	-41.23	59.83	
	114 PRO C		-38.79		15.00
	114 PRO 0	-29.84	-38 12	57 20	15 00
	115 GLU N	-27.67	-38.66	56 99	15.00
	115 GLU CA	-27.46	-37.74	55.89	15.00
	115 GLU CB	-26.07	-37.92	55 28	15.00
	115 GLU CG	-24.92	-37.19	56 01	15.00
	115 GLU CD	-23.60	-37.16	55.20	15.00
	115 GLU 0E1	-23.65	-37.20	53.20	15.00
	115 GLU OE2	-22.51	-37.08	55.82	15.00
	115 GLU C	-28.53	-37.91	· . 1.5 1 · 4.7 111	15.00
	115 GLU O		-39.00		15.00
	116 GLY N	-29.27	-36.83	54 59	15.00
	116 GLY CA	-30.30	-36.78	53.57	15.00
	116 GLY C	-31.63	-37.36	53.99	15.00
	116 GLY 0	-32.46	-37.66	53.13	15.00
*	117 ASN N	-31.88		CO 1 100 1 1 100 1 1 1 1 1 1 1 1 1 1 1 1	15.00
	117 ASN CA	-33.12	-38.03	55 77	15 00
	117 ASN CB	-32.80	-39.09	56.82	15.00
. fix	117 ASN CG	-33.80	-40.21	56 84	15.00
	117 ASN OD1	-35.02	-39.99	W	15.00
	117 ASN ND2	-33.31	<ul> <li>Y' 1'2 Y \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</li></ul>	56.76	15.00
	117 ASN C	-34.17		56.31	
	117 ASN 0	-34.17	-36.72	57 50	15.00
	118 GLU N	-35.12	-36.66		15.00
	118 GLU CA	-36.15	-35.72	55 91	15.00
	118 GLU CB	-36.86	-35.08		15.00
	118 GLU CG		1:4 * 1.7 \ 1 \ M	THE RESERVE OF THE PERSON OF T	15.00
	118 GLU CD				15.00
	118 GLU OE1	-36.58		52.04	
er Hanjil	118 GLU OE2	-38.13		53.57	

		•			
٠	118 GLU C	-37.18	-36.33	56.83	15.00
	118 GLU O	-37.76	-35.64		
	119 LYS N		-37.61		
	119 LYS CA	-38.43	-38.29	57.53	15.00
A. Or.	119 LYS CB	-38.66	-39.71	57.03	15.00
	119 LYS CG	-39.20	-39.77	55.60	15.00
	119 LYS CD		-39.04		
	119 LYS CE	-41.04	-38.97	54.07	15.00
	119 LYS NZ		-38.00		
	119 LYS C	-37.89			
A	119 LYS 0	-38.55	-37.86	59.89	15.00
	120 ALA N	-36.64	-38.74	59.07	15 00
	120 ALA CA	-35.94	-38-81	60 34	15 00
	120 ALA CB	-34.58	-39.42	60 15	15.00
	120 ALA C	-35.81	-37.43	60.97	15.00
	120 ALA O		<ol> <li>712. 7 * 1 * 1 * 1 * 1 * 1 * 1</li> </ol>		
	121 LEU N	-35.56	-36 42	60.14	
	121 LEU CA	-35.43			15.00
	121 LEU CB	-34.96	-34 10	59.56	15.00
	121 LEU CG	-34.93	-32.61	50.06	15.00
	121 LEU CD1		-32.34		1. 1.67 56 25 11.
	121 LEU CD2			Mark Salahadi 1922.	15.00
	121 LEU C	-36.76		61.25	
	121 LEU 0	-36.81	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	62.31	
:	122 LYS N	-37.86	The state of the s	60.57	
8 V.	122 LYS CA	-39.17	-34 53	61.06	2017/10/20
	122 LYS CB		-35.04		
	122 LYS CG		-34 70	60.59	
	122 LYS CD	4		59.72	
	122 LYS CE	-44.10		60.19	
		-45.21		59.28	15.00
	122 LYS C	-39.36	-35:15	62 43	15.00
	122 LYS 0	-39.79	-34.47	63 36	15.00
	123 ARG N	-39.02	-36 44	62 55	15 00
	123 ARG CA	-39.13	-37.17	63 B1	15.00
		-38.72	-38 64	63 64	15.00
rade Jacobski	123 ARG CG	-39.86	-39.56	63.26	15 00
		-39.43	-41 02	63 33	15.00
		-38.71	-41 48	62 14	15.00
<i>.</i>	123 ARG CZ		-41.79		
		-36.68			
*		-36.87	-42 22	60 00	15.00
	123 ARG C	-38.28	-36.55	64 90	.15 nn
		··-·	J J		

123 ARG O	-38.69	-36.51	66.05	15.0
124 ALA N	-37.09		64.55	15.00
124 ALA CA	-36.20	-35.45	65.52	15.00
124 ALA CB	-34.85	-35.18	64.89	15.00
124 ALA C	-36.81	-34.15	66.03	
124 ALA O	-36.96	-33.96	67.23	
125 VAL N	-37.17		65.12	
125 VAL CA		-31.97		
125 VAL CB	-38.07	-31.11	64.25	
125 VAL CG1		-29.94	64.59	
125 VAL CG2	-36.78		63.67	
125 VAL C	-39.04	-32.20	66.30	
125 VAL 0	-39.36	-31.43	67.20	15.00
126 ALA N	-39.74	-33.29	66.00	15.00
126 ALA CA	-40.97	-33.62	66.69	15.00
126 ALA CB	-41.78	-34.61	65.88	
126 ALA C	-40.72	-34.17	68.09	15.00
126 ALA 0	-41.37			15.00
127 ARG N	-39.77	-35.10	68.19	15.00
127 ARG CA	-39.41	-35.74	69.44	
127 ARG CB	-38.71		69.18	
127 ARG CG	-39.58	-38.30	69.27	15.00
127 ARG CD		-38.70	67.94	15.00
127 ARG NE		-40.09	67.60	
127 ARG CZ		-40.78	66.67	15.00
127 ARG NH1	-40.18	-42.03	66.40	15.00
127 ARG NH2	-41.55	-40.25	66.03	15.00
127 ARG C	-38.52		70.35	15.00
127 ARG O			- 1	15.00
128 VAL N	-37.37			15.00
128 VAL CA	-36.36	-33.72	70.56	
128 VAL CB	-34.95	-33.91	69.94	15.00
128 VAL CG1	-33.88	-33.45		15.00
128 VAL CG2	-34.73	-35.35		15.00
128 VAL C	-36.62	-32.22	70.66	15.00
128 VAL 0	-36.44	-31.61	71 71	15 00
129 GLY N	-36.99	-31.60	69.55	15.00
129 GLY CA	-37.23	-30.17	69.54	15.00
129 GLY C	-36.29	-29.54	68.53	15.00
129 GLY O	-35.87	-30.22	67.58	15.00
130 PRO N	-35.94 -		•	15.00
130 PRO CD	-36.46	_ 1 1 1 1 1 1 1 1	69.78	
130 PRO CA	-35.04 -	-27.50	67.83	15.00

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	130 PRO CB	-34.80	-26.22	68.62	15.00
	130 PRO CG	-36.12	-26.00	69.26	15.00
	130 PRO C	-33.74	-28.21	67.50	15.00
	130 PRO 0		-28.46		
	131 VAL N	-33.59	-28.51	66.21	15.00
	131 VAL CA	-32.42	-29.19	65.68	15.00
	131 VAL CB	-32.84	-30.34	64.73	15.00
	131 VAL CG1	-31.64	-31.06	64.18	15.00
	131 VAL CG2	-33.74	-31.33	65.48	15.00
	131 VAL C	-31.57	-28.19	64.90	15.00
	131 VAL 0	-32.08	-27.25	64.28	15.00
	132 SER N	-30.25	-28.38	64.96	15.00
	132 SER CA	-29.32	-27.53	64.26	15 00
	132 SER CB	-28.00	-27.48	65.02	15.00
	132 SER OG	-28.18	-26.93	66.31	15.00
	132 SER C	-29.08	-28.14	62.88	15.00
	132 SER 0	-28.67	-29.30	62.79	
	133 VAL N	-29.38	-27.38	61.83	15.00
	133 VAL CA	-29.21	-27.83	60.44	15.00
	133 VAL CB	-30.57	-27.93	59.68	15.00
	133 VAL CG1	-31.55	-28.81	60.43	15.00
	133 VAL CG2	-31.16	-26.56	59.49	15.00
	133 VAL C	-28.30	-26.86	59.68	15.00
	133 VAL 0	-28.06			
	134 ALA N		-27.28		
	134 ALA CA		-26.44		
	134 ALA CB		-26.93		
	134 ALA C	-27.49	-26.50	56.28	15.00
	134 ALA O	-27.84	-27.57	55.79	15.00
	135 ILE N	-27.58	-25.36	55.61	15.00
	135 ILE CA	-28.14	-25.32	54.27	15.00
	135 ILE CB	-29.58	-24.73	54.30	15 00
	135 ILE CG2	-30.49	-25.57	55.19	15.00
	135 ILE CG1	-29.53	-23.26	54.76	15.00
	135 ILE CD1	-30.88	-22.58	54.88	15.00
	TOO IFE C	-27.33	-24.44	53.32	15.00
	135 ILE 0	-26.33	-23.82	53.72	15.00
	136 ASP N	-27.75	-24 41	52 05	15 00
	136 ASP CA	-27.12	-23.57	51.05	15.00
	136 ASP CB	-27.25	-24.16	49.65	15.00
	136 ASP CG	-26.77	-23.20	48.57	
	136 ASP OD1	-27.27	-23.28	47.43	
	136 ASP OD2	-25.90		48.85	
· ·		•			

136 ASP C		7 -22.24	51.10	15.00
136 ASP 0	-29.05	-22.17	50.77	15.00
137 ALA N	-27.19	-21.21	51.59	15.00
137 ALA CA	-27.80	-19.89	51 68	15 00
137 ALA CB	-27.61	-19.32	53 08	15.00
137 ALA C	-27.23	-18.94	50.62	15.00
TO ATTY O	-27.64	-17 78	50.52	15.00
138 SER N	-26.26	-19.43	10.55	
138 SER CA	-25.66	-18 65	40.77	
138 SER CB	-24.30	-19 22	49 37	15.00
138 SER OG	-23.28	-18.86	40.37	15.00
138 SER C		-18.73	47.50	15.00
138 SER 0	-26.51	-19.65	47.00	15.00
139 LEU N	-27 54	-17.77	40.60	15.00
139 LEU CA		-17 66	47.37	
139 LEU CB	-29 53	_10 06	46.55	15.00
139 LEU CG	-29 89	-10.60	40.65	15.00
139 LEU CD1	-28 66	-19.63	45.38	15.00
		-20.27	44.80	15.00
139 LEU CD2	-20.32	-20.68	45.71	15.00
139 LEU C	-29.39	-16.39	46.85	15.00
139 LEU 0 140 THR N	-23.31 20.52	-16.22	47.96	15.00
		-15.49	45.87	15.00
140 THR CA	-30.23	-14.23	46.08	
140 THR CB 140 THR OG1	-30.06	-13.28	44.87	15.00
140 THR CG2		-13.81	43.99	15.00
	-29.62	-11.89	45.34	15.00
140 THR C	-31./1	-14.37	46.42	15.00
140 THR O	-32.23	-13.63		
141 SER N	-32.39	-15.35	45.83	15.00
141 SER CA	-33.80	-15.59	46.10	15.00
141 SER CB	-34.31	-16.76	45.27	15.00
141 SER OG	-33.42	-17.86	45.34	15.00
141 SER C	-34.00	-15.89	47.57	15.00
TAT SEK O	-35.03	-15.57	48.16	15.00
142 PHE N		-16.51	48.18	15.00
142 PHE CA		-16.86	49.59	15.00
142 PHE CB	-31.98	-17.88	49.93	15.00
142 PHE CG	-31.93	-18.24	51.39	15.00
142 PHE CD1	-32.72	-19.25	51.89	15.00
142 FRE CDZ	-31.10	-17.54	52.25	15.00
142 PHE CE1	-32.68	-19.58	53.23	15.00
142 PHE CE2	-31.05	-17.85		15.00
142 PHE CZ	-31.85	-18.87	54.09	

	50 - 10 :41 10 12 14 15 15 1	ting the State of		스타트 사람이 없었다.	- A N 1
	142 PHE C	-32.88	-15.61	50.43	15.00
	142 PHE 0	-33.66	-15.33	51.34	15.00
	143 GLN N	-31.86	-14.84	50.09	15.00
	143 GLN CA	-31.54	-13.64	50.83	15.00
	143 GLN CB	-30.25	-13.06	50.30	15 00
	143 GLN CG	-29.18	-14.11	50.24	15.00
	143 GLN CD	-27.84	-13.53	49.97	15.00
	143 GLN OE1	-27.41	-12.58	50 62	15 00
	143 GLN NE2	-27.15	-14.10	48.99	15.00
	143 GLN C	-32.63	-12.59	50.89	15.00
	143 GLN 0	-32.90	-12.05	51.95	15.00
Drobled	144 PHE N	-33.29	-12 29	40 77	15 00
	144 PHE CA	-34.36	-11.28	49 80	15 00
	144 PHE CB	-34.33	-10.38	48.55	15.00
	144 PHE CG	-34.46	-11.12	47.24	15.00
	144 PHE CD1	-33.45	-11.04	46.30	15.00
	144 PHE CD2	-35.59	-11 87	16 05	15 00
	144 PHE CE1	-33.56	-11.71	45.09	15 00
	144 PHE CE2	-35.71	-12.55	45 75	15.00
	144 PHE CZ	-34.70	-12.46	44 82	15 00
	144 PHE C 144 PHE O	-35.76	-11.83	50.04	15.00
	144 PHE 0	-36.76	-11.19	49.68	15.00
	145 TYR N	-35.83	-13.01	50.66	15.00
	145 TYR CA	-37.09	-13.68	50.97	
	145 TYR CB	-36.80	-15.04	51 62	15.00
	145 TYR CG	-37.95	-15.65	52 36	15 00
	145 TYR CD1	-38.83	-16 52	51 72	15.00
	145 TYR CEL	-39.93	-17.05	52 41	15 00
	145 TYR CD2	-38.20	-15.31	53 69	15.00
	145 TYR CE2	-39.28	-15.83	54 38	15.00
	145 TYR CZ	-40.14	-16.69	53 73	15.00
		-4 /4	-1/		
	145 TYR C	-37.87	-12.81	51.93	15 00
	145 TYR 0	-37 27	-12 10	E2 74	35 00
	146 SER N	-39.20	-12.88	51 89	15 00
	146 SER CA	-40.01	-12.07	52.78	15.00
	146 SER CB	-40.45	-10.78	52.10	15 00
	146 SER OG	-41.31	-11 05	51.01	15 00
	146 SER C	-41.23	-12.81	53:34	15 00
	146 SER 0	-41.69	-12.52	54.45	15.00
	14/ LYS N	-41.77	-13.75	52.58	15 00
	147 LYS CA	-42.93	-14.52	53.04	15.00
	147 LYS CB	-44.16	-13.62	53.21	15 00
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147 LYS CG	-44.84	-13.14	51.92	15.00
14 / LYS CD	-45.64	-11.86	52.19	15.00
147 LYS CE	-44.71	-10.72	52.70	15.00
147 LYS NZ	-45.41	-9.52	53.28	15 00
147 LYS C	-43.27	-15.68	52.11	15.00
147 LYS 0	-43.03	-15.62	50.91	15.00
148 GLY N	-43.83	-16.74	52.69	15.00
148 GLY CA	-44.21	-17.90	51.90	15 00
148 GLY C	- III TA -	-19.08	52.16	15 00
148 GLY 0	-42.50	-19.07	53.08	15.00
149 VAL N	-43.46	-20.12	51.35	15 00
149 VAL CA	-42.65	-21.32	51.50	15.00
149 VAL CB	-43.52	-22.60	51.30	1 F 00
149 VAL CG1	-42.66	-23.84	51 53	15.00
149 VAL CG2	-44.59	-22.59	52.45	15.00
149 VAL C	-41.57	-21.27		15.00
149 VAL 0	-41.84	-21.44	49 24	15.00
150 TYR N	-40.34	-21.01	50.84	15 00
150 TYR CA	-39.21	-20 90	10 03	15 00
150 TYR CB	-37.98	-20.37	50.67	15.00
TOU TYR CG	-36.75	-20.27		15.00
150 TYR CD1	-36.73			15.00
150 TYR CE1	-35.61		47.86	15.00
150 TYR CD2	-35.61	-21.03	50.09	
150 TYR CE2	-34.48	-20.96		15.00
150 TYR CZ	-34.49	-20.13	48.16	15.00
150 TYR OH	-33.41	-20.06	47 32	15.00
150 TYR C	-38.81	-22.16	49.19	15.00
150 TYR O	-38.56	-23.19	49.80	
151 TYR N	-38.68	-22.03	47 88	15 00
151 TYR CA	-38.24	-23.13	47 02	15 00
TOT TAK CB	-39.38	-24.11	46 72	15 00
151 TYR CG	-38.89	-25.32	45.96	15.00
TOT TAK CDI	-37.74	-26 01	16 27	35.00
151 TYR CE1	-37.23	-27.06	45.63	15.00
	-33.32 -	25.74	44.79	15 00
151 TYR CE2	-39.01 -	-26.80	44 03	15 00
151 TYR CZ	-37.87 -	27.45	44.46	15 00
TOT TAK OH	-37.35 -	28.50	43.72	15.00
151 TYR C	-37.63 -	22.58	45.73	15 00
151 TYR O	-38.19 -	21.69	45 08	15.00
152 ASP N	-36.47 -	23.12	45 37	15.00
152 ASP CA	-35.74 -	22.69	44.19	15.00
				-7.00

	4.17	131		
152 ASP CB	-34.80	-21.56	44.59	15.0
152 ASP CG	-34.09	-20.92		
152 ASP OD1	-33.27	-21.60	42.76	15.00
152 ASP OD2	-34.35	-19.73	43.17	15.00
152 ASP C	-34.93	-23.88	43.70	15.00
152 ASP 0	-33.98	-24.30		7. 1 176
153 GLU N	-35.23	-24.36		
	-34.55		41.95	15.00
153 GLU CB	-35.15	-25.91	40.59	15.00
153 GLU CG	-35.40	-24.74	39.62	15.00
153 GLU CD	-34.12	-24.02		15.00
153 GLU OE1			38.70	15.00
153 GLU OE2	-34.09	-22.76	39.27	15.00
153 GLU C	-33.03	-25.50		15.00
153 GLU O	-32.40	-26.49	41.49	15.00
154 SER N	-32.42	-24.37	42.22	15.00
154 SER CA	-30.96	-24.26		15.00
154 SER CB	-30.53	-23.00	41.43	
154 SER OG	-30.93		40.06	15.00
154 SER C	-30.27	-24.34	43.55	15.00
154 SER O	-29.04	-24.33	43.65	15.00
155 CYS N		-24.43	44.61	15.00
155 CYS CA	-30.49	-24.54		15.00
155 CYS C	-29.66	-25.81		
155 CYS 0	-30.16	-26.88	45.54	15.00
155 CYS CB	-31.60		46.96	15.00
155 CYS SG	-31.20		48.53	15.00
156 ASN N	-28.36		46.16	15.00
156 ASN CA	-27.50	-26.87	46.05	15.00
156 ASN CB	-26.20		45.36	15.00
156 ASN CG	-25.34	-27.69	45.04	15.00
156 ASN OD1	-25.83	-28.82	44.97	15.00
L56 ASN ND2	-24.05	-27.47	44.88	15.00
L56 ASN C	-27.21	-27.66	47.33	15.00
L56 ASN O	-26.37	-27.26	48.13	15.00
L57 SER N	-27.82	-28.83	47.43	15.00
L57 SER CA	-27.66	-29.72	48.57	15.00
157 SER CB	-28.41	-31.03	48.33	15 00
57 SER OG	-29.78	-30.78	48.03	15.00
57 SER C	-26.19	-30.04	48.87	15.00
.J/ SER U	-23.86	-30.54	49.96	15 00
.58 ASP N	-25.31	-29.75	47.92	15.00
58 ASP CA	-23.89	-30.03	48.07	15.00

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158 ASP CB	-23.30	-30.43	46.71	15.00
158 ASP CG	-24.01	-31.63	46.08	15.00
158 ASP OD1				15.00
158 ASP OD2		-32.67	45.86	15 00
158 ASP C	-23.11	-28.86	48.64	15.00
158 ASP 0	-22.00	-29.02	49.15	15.00
159 ASN N				
159 ASN CA		-26.49	49.11	
159 ASN CB	-23.02	-25.36	48.07	
159 ASN CG	-21.95	-24.29	48.31	
159 ASN OD1	-21.61			
159 ASN ND2			47.22	
159 ASN C	-23.59			
159 ASN 0	-24.34	-25.03	50.44	15.00
160 LEU N	-23.31	-26.69	51.52	15.00
160 LEU CA			52.80	15.00
160 LEU CB		-27.45	53.77	15.00
160 LEU CG	-24.87	-28.62	53.30	15.00
160 LEU CD1	-25.08	-29.56	54.47	15.00
160 LEU CD2		-28.16	52.76	15.00
160 LEU C	Subject States in the Contract of the Contract	-25.21	53.33	15.00
160 LEU 0	-21.77		53.65	15.00
161 ASN N	-23.38	-23.97	53.35	15.00
161 ASN CA	and the second s	-22.84	53.78	15.00
161 ASN CB	and the second of the second of the second	-21.90	52.60	15.00
161 ASN CG			51.84	15.00
161 ASN OD1		-20.86	52.31	15.00
	-23.75	-22.18	50.66	15.00
161 ASN C		-22.04	54.94	15.00
	-22.37	-21.29	55.58	15.00
	-24.38			15.00
162 HIS CA	-25.01		56.31	15.00
162 HIS CB			55.72	15.00
162 HIS CG	-26.46	-19.38	56.68	15.00
162 HIS CD2	-27.69	-18.91	56.97	15.00
162 HIS ND1			57.46	15.00
	-26.25		58.19	15.00
162 HIS NE2	-27.54	-17.92	57.90	15.00
162 HIS C	-25.74		57.31	15.00
162 HIS O	-26.66		56.94	15.00
163 ALA N	-25.31	-22.30	58.57	15.00
163 ALA CA	-25.93	-23.09	59.63	15.00
163 ALA CB	-24.98	-23.25	60.81	15.00
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163 ALA C	-27.18	-22.33	60.08	15.00
163 ALA O	-27.20	-21.09	60.08	15.00
164 VAL N	-28.21	-23.05	60.48	15.00
164 VAL CA	-29.44	-22.43	60.91	15.00
164 VAL CB	-30.31	-22.10	59.66	15.00
164 VAL CG1	-31.25	-23.23	59.31	15.00
164 VAL CG2	-30.99	-20.79	59.85	
164 VAL C	-30.13	-23.35	61.91	15.00
164 VAL 0	-29.51	-24.32	62.35	15.00
165 LEU N	-31.38	-23.10	62.28	15.00
165 LEU CA	-32.05	-23.93	63.28	15.00
165 LEU CB	-31.95	-23.25	64.64	15.00
165 LEU CG	-32.41	-23.97	65.90	15.00
165 LEU CD1	-31.39	-25.01	66.31	15.00
165 LEU CD2	-32.58	-22.96	67.00	15.00
165 LEU C	-33.51	-24.20	62.98	15.00
165 LEU 0	-34.30	-23.27	62.86	15.00
166 ALA N	-33.88	-25.48	62.93	15.00
166 ALA CA	-35.27		62.66	15.00
166 ALA CB	-35.30	-27.31	62.15	15.00
166 ALA C	-36.07	-25.78	63.95	15.00
166 ALA O	-35.74	-26.40	64.95	15.00
167 VAL N	-37.14	-24.99	63.93	15.00
167 VAL CA	-38.00	-24.75	65.09	15.00
167 VAL CB	-38.22	-23.21	65.30	15.00
167 VAL CG1	-39.07	-22.93	66.50	15.00
167 VAL CG2	-36.88	-22.50	65.47	15.00
167 VAL C	-39.35	-25.46	64.93	15.00
167 VAL O	-40.25	-25.34	65.77	15.00
168 GLY N	-39.51	-26.21	63.85	15.00
168 GLY CA	-40.75	-26.91	63.61	15.00
168 GLY C	-40.97	-27.18	62.14	15.00
168 GLY O		-27.15		
169 TYR N		-27.45	61.78	15.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-42.63		60.41	15.00
	-42.23		60.00	15.00
169 TYR CG	-42.72		60.93	
		-30.66	60.94	15.00
		-31.66		15.00
169 TYR CD2		-30.91	61.81	15.00
169 TYR CE2		- i		15.00
	-43.63		62.68	
69 TYR OH		-32.27 -33.24	62.68	15.00
	3 5 4. U:/:	33.24	63.57	15.00

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	169 TYR C	-44.14			15.00
	169 TYR O	-44.81	-27.32	61.30	15.00
	170 GLY N	-44.70	-27.76	59.12	15.00
	170 GLY CA	-46.14	-27.63	58.97	15 00
	1/0 GLY C	-46.56	-27.53	57 52	15.00
	TIO GDI O	-45.85	-27.94	56.61	15.00
	171 ILE N	-47.74	-26.97	57.30	15.00
	171 ILE CA	-48.28	-26.78	55.97	15.00
	171 ILE CB	-49.43	-27.78	55.69	15.00
	1/1 ILE CG2	-50.14	-27.44	54.38	15 00
	171 ILE CG1	-48.91	-29 22	55 60	25 00
	171 ILE CD1	-48.38	-29.69	54.35	15.00
	1/1 ILE C	-48.89	-25.40	56.05	15 00
	171 ILE 0	-49.85	-25.20	56.78	15.00
	172 GLN N	-48.29	-24.41	55 40	15 00
	172 GLN CA	-48.86	-23.07	55.47	15.00
	1/2 GLN CB	-47.96	-22.05	54.75	15 00
	172 GLN CG	-48.37	-20.59	54.97	15.00
	172 GLN CD	the first war and the transfer of the second	-19.62	54.20	15.00
	172 GLN 0E1	-46.94	-19.96	53.14	15.00
	172 GLN NE2	-47.33	-18.41	54.72	15.00
	172 GLN C		-23.15	100	
	172 GLN 0	-51.26	-22.82	55.37	15.00
	173 LYS N	-50.21	-23.61	53.54	15.00
	173 LYS CA	-51.45	-23.77	52.79	15.00
	173 LYS CB	-52.00	-22.41	52.33	15.00
	173 LYS CG	-53.53	-22.35		
	173 LYS CD 173 LYS CE				
	173 LIS CE	-55.51	-20.75	52.34	15.00
	173 LYS NZ 173 LYS C	-55.91	-19.31	52.33	15.00
	173 IVC O	-51.07	-24.63	51.61	15.00
	173 LYS O 174 GLY N			4 2 4 4	
	174 GLY CA	-51.28		51.80	15.00
	174 GLY C	-50.97	-26.89		
	174 GLY 0	-49.51		50.74	
10 원래의 왕 동생이다. 10 원리 12 동생 경기	175 ASN N	-49.17		50.45	15.00
		-48.63	-26.34		
		-47.20 -46.44		51.05	15.00
	175 ASN CG	t fitting factor of the contract of the contra	-25.52	50.34	15.00
	175 ASN CG	4.6	-25.35	48.88	15.00
	175 ASN ND2	-47.59 -46.49		48.54	15.00
	175 ASN C		and the second second	48.03	15.00
		-40.32	-26.98	52.38	15.00

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175 ASN 0	-46.58	-26.21	53.35	15.00
176 LYS N	-45.88	-28.15	52.40	15.00
176 LYS CA	-45.15	-28.65	53.56	15.00
176 LYS CB	-44.68	-30.09	53.34	15.00
176 LYS CG		-31.03		15.00
176 LYS CD	-45.35	-32.49	52.97	15.00
176 LYS CE	-46.23	-33.44	52.14	15.00
176 LYS NZ	-45.80	-33.48	50.70	15.00
176 LYS C	-43.94		53.75	15.00
176 LYS 0	-43.26	-27.41	52.78	15.00
177 HIS N	-43.64	-27.39	55.00	15.00
177 HIS CA	-42.51	-26.50	55.25	15.00
177 HIS CB		-25.05	55.09	15.00
177 HIS CG	-43.85	-24.56	56.20	15.00
177 HIS CD2	-43.59	-24.27	57.49	15.00
177 HIS ND1	-45.16	-24.20	55.99	15.00
177 HIS CE1	-45.67	-23.71	57.10	15.00
177 HIS NE2	-44.74	5 7 7 7 7 7	58.03	15.00
177 HIS.C	-41.82	-26.66	56.59	15.00
177 HIS O	-42.44		57.57	15.00
178 TRP N	-40.52	-26.34	56.60	15.00
178 TRP CA	-39.67	-26.38	57.77	15.00
178 TRP CB	-38.26	-26.80	57.38	15.00
178 TRP CG	-38.11	-28.21	56.93	15.00
178 TRP CD2	-38.28	-29.38	57.73	15.00
178 TRP CE2	-38.02	-30.49	56.90	15.00
178 TRP CE3	-38.62	-29.60	59.08	15.00
178 TRP CD1	-37.77	-28.64	55.68	15.00
178 TRP NE1	-37.71	-30.01	55.65	15.00
178 TRP CZ2	-38.09	-31.80	57.37	15.00
178 TRP CZ3	-38.69	-30.89	59.54	15.00
L78 TRP CH2	-38.43	-31.98	58.68	15.00
L78 TRP C	-39.59	-24.94	58.28	15.00
178 TRP O	-39.26	-24.03	57.51	15.00
179 ILE N	-39.92	-24.71	59.55	15.00
179 ILE CA	-39.85	-23.36	60.09	15.00
79 ILE CB	-40.86	-23.17	61.23	15.00
79 ILE CG2	-40.80	-21 75	61 74	15 00
.79 ILE CG1 .79 ILE CD1	-42.27	-23.50	60.72	15.00
.79 ILE CD1	-43.38	-23.28	61.70	15.00
.75 THE C	-38.42	-23.13	60.55	15.00
79 ILE 0	-37.94	-23.79	61.47	15.00
80 ILE N	-37.73	-22.22	59.88	15.00

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180 ILE CA		-21.94	60.17	15.00
180 ILE CB		-22.02		15.00
180 ILE CG2	-34.06	-21.71	59.13	
180 ILE CG1	-35.63	-23.40		
180 ILE CD1	-34.94	-24.48		* * * * * * * * * * * * * * * * * * *
180 ILE C	-36.01			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
180 ILE O	-36.59	-19.58		
181 LYS N		-20.68	61.84	
181 LYS CA	-34.67	-19.51	the state of the s	15.00
181 LYS CB	-34.58	A 1 7 . 19 2 T.	64.09	15.00
181 LYS CG	-34.19	-18.62	64.93	15.00
181 LYS CD	-33.86	-18.95	66.37	
181 LYS CE		-17.66	67.16	
181 LYS NZ		-17.85	68.50	15.00
181 LYS C	-33.30	-19.10	62.12	
181 LYS O		-19.74	62.48	
182 ASN N		-18.04	61.32	15.00
182 ASN CA	-31.93	-17.56	60.79	
182 ASN CB			59.48	15.00
182 ASN CG	-30.98	-16.86	58.53	15.00
182 ASN OD1			58.92	15.00
182 ASN ND2			57.27	
182 ASN C	-31.29		61.84	15.00
182 ASN O 183 SER N			62.91	
183 SER CA	-30.11	-16.11	61.56	
and the second s	-29.44	-15.21		
183 SER OG	-28.26			15.00
183 SER C		-16.54	62.21	15.00
183 SER O	-28.98 -27.84		61.87	15.00
184 TRP N	A 200 - 1	-13.44	62.08	15.00
	-29.52	-13.26	61.11	
184 TRP CB	-29.70	-12.01	60.45	15.00
184 TRP CG	-28.74	-12.14 -13.05	58.94	15.00
	-28.89		58.26	
184 TRP CE2	-27.72		56.96	
184 TRP CE3	-29.87			15.00
184 TRP CD1	-27.54			15.00
	-26.92		58.74 57.81	
	-27.53			15.00
184 TRP CZ3	-29.68	-14.22		15.00
184 TRP CH2	-28.52		54.78 54.56	
			60.98	15.00
		7	90.30	15.00

	100		·	
184 TRP 0	-31.16	-10.28	60.20	15.00
185 GLY N	-30.48	-10.71		
185 GLY CA	-31.34	-9.69	62.86	
185 GLY C	-32.79	-10.02	62.61	
185 GLY 0	-33.09	-11.01	61.96	
186 GLU N	-33.73	-9.25		15.00
186 GLU CA	-35.13	-9.57	62.89	
186 GLU CB	-36.01	-9.41	64.14	15.00
186 GLU CG	-36.02	-8.04		
186 GLU CD	-37.04		65.87	15.00
186 GLU OE1	-36.66	-7.55	67.00	200
186 GLU OE2		-8.21		15.00
186 GLU C	-35.67	-8.78	61.72	15.00
186 GLU 0	-36.84	-8.91	61.34	15.00
187 ASN N	-34.80		61.13	15.00
187 ASN CA			59.99	15.00
187 ASN CB	-34.20	-5.97		15.00
187 ASN CG		-4.76		15.00
187 ASN OD1	-34.15	-4.03	58.42	15.00
187 ASN ND2	-36.12	-4.54	59.36	15.00
187 ASN C	-35.15		58.74	15.00
187 ASN O	-35.75	-7.72	57.72	15.00
188 TRP N	-34.45	-9.16		15.00
188 TRP CA	-34.37	-10.07	57.66	15.00
188 TRP CB	-33.13	-10.97	57.77	15.00
188 TRP CG	-33.03	-11.92	56.63	15.00
188 TRP CD2	-33.46	-13.29	56.62	15.00
188 TRP CE2	-33.26	-13.77	55.31	15.00
188 TRP CE3	-34.00	-14.15	57.58	15.00
188 TRP CD1	-32.60	-11.64	55.38	15.00
188 TRP NE1	-32.73		54.58	15.00
188 TRP CZ2	-33.58	-15.08	54.93	15.00
188 TRP CZ3	-34.31	-15.45	57.20	15.00
188 TRP CH2	-34.10	-15.90	55.89	15.00
188 TRP C	-35.63	-10.94	57.55	15.00
188 TRP 0	-36.34	-11.13	58.54	15.00
189 GLY N	-35.89	-11.44	56.34	15.00
189 GLY CA	-37.04	-12.29	56.09	15 00
189 GLY C	-38.26	-11.99	56.92	15.00
TSS CTA O	-38.56	-10.84	57.23	15.00
190 ASN N	-38.99	-13.02	57.32	15.00
	-40.18			15.00
190 ASN CB	-41.17	-13.96	57.97	15.00

	IF		

190 ASN C	
190 ASN OD1	15.00
190 ASN ND2	15.00
190 ASN C	15.00
190 ASN O	15.00
191 LYS N	15.00
191 LYS CA	15.00
191 LYS CB	15.00
191 LYS CG	15.00
191 LYS CD	15.00
191 LYS CE	15.00
191 LYS NZ	15.00
191 LYS C	15.00
191 LYS O	15.00
192 GLY N	15.00
192 GLY CA	15.00
192 GLY C	15.00
192 GLY O	15.00
193 TYR N	15.00
193 TYR CA	15.00
193 TYR CB	L5.00
193 TYR CG	15.00
193 TYR CD1	5.00
193 TYR CE1	5.00
193 TYR CD2	5.00
193 TYR CE2	5.00
193 TYR CZ	5.00
193 TYR OH	5.00
193 TYR C	5.00
193 TYR O	5.00
194 ILE N -37.83 -18.01 58.33 1 194 ILE CA -38.06 -18.34 56.94 1 194 ILE CB -36.77 -18.17 56.07 1 194 ILE CG2 -35.64 -19.02 56.60 1 194 ILE CG1 -37.07 -18.54 54.62 1 194 ILE CD1 -35.87 -18.54 53.71 1 194 ILE C -38.59 -19.77 56.84 1 194 ILE O -38.12 -20.68 57.53 1 195 LEU N -39.65 -19.93 56.06 1 195 LEU CA -40.27 -21.23 55.84 1 195 LEU CB -41.76 -21.08 55.61 1 195 LEU CG -42.62 -21.03 56.88 15	5.00
194 ILE CA -38.06 -18.34 56.94 194 ILE CB -36.77 -18.17 56.07 194 ILE CG2 -35.64 -19.02 56.60 194 ILE CG1 -37.07 -18.54 54.62 1994 ILE CD1 -35.87 -18.54 53.71 1994 ILE C -38.59 -19.77 56.84 1994 ILE C -38.12 -20.68 57.53 1995 LEU N -39.65 -19.93 56.06 1995 LEU CA -40.27 -21.23 55.84 1995 LEU CB -41.76 -21.08 55.61 1995 LEU CG -42.62 -21.03 56.88 1995 LEU CG -42.62 -21.03 56.88	5.00
194 ILE CB	5.00
194 ILE CG2 -35.64 -19.02 56.60 19.04 ILE CG1 -37.07 -18.54 54.62 19.09 ILE CD1 -35.87 -18.54 53.71 19.09 ILE CD1 -38.59 -19.77 56.84 19.09 ILE C -38.12 -20.68 57.53 19.09 ILE C -39.65 -19.93 56.06 19.09 ILE CA -40.27 -21.23 55.84 19.09 ILE CB -41.76 -21.08 55.61 19.09 ILE CB -42.62 -21.03 56.88 19.00 ILE CB -42.62 -21.03 56.88 19.00 ILE CB -42.62 -21.03 56.88	5.00
194 ILE CG1 -37.07 -18.54 54.62 11 194 ILE CD1 -35.87 -18.54 53.71 11 194 ILE C -38.59 -19.77 56.84 11 194 ILE O -38.12 -20.68 57.53 11 195 LEU N -39.65 -19.93 56.06 11 195 LEU CA -40.27 -21.23 55.84 11 195 LEU CB -41.76 -21.08 55.61 11 195 LEU CG -42.62 -21.03 56.88 15	5 00
194 ILE CD1 -35.87 -18.54 53.71 19 194 ILE C -38.59 -19.77 56.84 19 194 ILE O -38.12 -20.68 57.53 19 195 LEU N -39.65 -19.93 56.06 19 195 LEU CA -40.27 -21.23 55.84 19 195 LEU CB -41.76 -21.08 55.61 19 195 LEU CG -42.62 -21.03 56.88 19	5.00
194 ILE C -38.59 -19.77 56.84 19 194 ILE O -38.12 -20.68 57.53 19 195 LEU N -39.65 -19.93 56.06 19 195 LEU CA -40.27 -21.23 55.84 19 195 LEU CB -41.76 -21.08 55.61 19 195 LEU CG -42.62 -21.03 56.88 19	5.00
194 ILE O -38.12 -20.68 57.53 15 195 LEU N -39.65 -19.93 56.06 15 195 LEU CA -40.27 -21.23 55.84 15 195 LEU CB -41.76 -21.08 55.61 15 195 LEU CG -42.62 -21.03 56.88 15	5.00
195 LEU CA -40.27 -21.23 55.84 15 195 LEU CB -41.76 -21.08 55.61 15 195 LEU CG -42.62 -21.03 56.88 15	5.00
195 LEU CB -41.76 -21.08 55.61 15 195 LEU CG -42.62 -21.03 56.88 15	5.00
195 LEU CB -41.76 -21.08 55.61 15 195 LEU CG -42.62 -21.03 56.88 15	5.00
195 LEU CG -42.62 -21.03 56.88 15	5 00
195 TEIL CD1 _41 00 20 20 20	5.00
195 LEU CD1 -41.90 -20.32 58.01 15	5.00

		0.00	<del></del> .	
195 LEU CD2	<ul><li>(1) A. C. Marchell, Phys. Lett. B 50, 120 (1997).</li></ul>	-20.37	56.58	15.00
195 LEU C	-39.61			15.00
195 LEU 0	-39.53	-21.13	53.57	15.00
196 MET N	-39.08	-23.00	54.71	15.00
196 MET CA	-38.42	-23.63	53.58	
196 MET CB		-23.90		
196 MET CG		-22.63		
196 MET SD	-34.43	-22.96	54.57	
196 MET CE		-23.77	53.09	200
196 MET C	-39.17	-24.90	the first than the second second	15.00
196 MET 0	-39.74	-25.58	the second of the second	15.00
197 ALA N		-25.22	51.91	
197 ALA CA	-39.93	-26.41	51.45	15.00
197 ALA CB	-39.79	-26.55	49.94	
197 ALA C	-39.51	-27.70	52.15	
197 ALA 0		-27.92		15.00
198 ARG N	-40.50	-28.53	52.47	15.00
198 ARG CA	-40.29	-29.81	53 12	15.00
198 ARG CB	-40.95	-29.84	54.50	15.00
198 ARG CG	-40.91	-31.22	55.15	15.00
198 ARG CD	-41.22	-31.19		15.00
198 ARG NE	-42.59	-30.84	56.98	15.00
198 ARG CZ	-43.60	-31.70	56.98	15.00
198 ARG NH1	-43.40	-32.96	56.63	15.00
198 ARG NH2	-44.79	-31.32	57.43	15.00
198 ARG C	-40.86			15.00
198 ARG O		-30.91	51.88	15.00
199 ASN N			51.96	15.00
199 ASN CA	-40.33	CONT. P. L. C.	51.17	15.00
199 ASN CB	-41.68	-33.69		15.00
199 ASN CG	-41.66	-34.26	53.00	15.00
199 ASN OD1	-42.63	-34.12	53.74	15.00
	-40.55		53.38	15.00
199 ASN C	-40.22	-32.89	49.66	15.00
199 ASN O	-40.46	-33.83	48.89	15.00
200 LYS N	-39.80	-31.71	49.23	15.00
200 LYS CA	-39.60	-31.45	47.81	15.00
ZUU LYS CB	-39.83	-29.98	47.45	15.00
200 LYS CG	-41.27	-29.52	47.67	15.00
200 LYS CD	-41.61	-28.27	46.88	15.00
200 LYS CE	-43.08			15.00
	-43.51		46.16	15.00
200 LYS C	-38.15	-31.86	47.56	15.00

		and Property (		
200 LYS 0		-31.02		15.00
201 ASN N		-33.15		
201 ASN CA		-33.74		
201 ASN CB	-36.23	-33.86	46.06	
201 ASN CG	-37.27	-34.62	45.25	15.00
201 ASN OD1		-34.34	44.06	
201 ASN ND2	-37.96	-35.58	45.88	
201 ASN C	-35.48	-32.95	48.24	
201 ASN 0		-32.07	47.64	15.00
202 ASN N	-35.27	-33.23	49.53	
202 ASN CA	-34.21	-32.62	50.34	15.00
202 ASN CB	-33.01		50.33	15.00
202 ASN CG	-31.96	on March 1 of the Control		15.00
202 ASN OD1	-32.27	-32.76	52.45	
202 ASN ND2		-33.41	50.98	15.00
202 ASN C	-33.81	-31.18	49.94	15.00
202 ASN 0		-30.88	49.70	15.00
203 ALA N	-34.78	-30.29	49.91	
203 ALA H		-30.58	50.39	15.00
	-34.60	-28.89	49.49	15.00
203 ALA CB		-28.06	49.83	15.00
203 ALA C	-33.41	-28.27	50.25	15.00
203 ALA O		1	51.47	15.00
204 CYS N	-32.47		49.46	15.00
204 CYS CA	-31.31	-27.02	50.02	15.00
204 CYS C	-30.43		50.92	15.00
204 CYS 0	-29:53		51.59	15.00
204 CYS CB	-31.78	** ** ** ** ** ** ** ** ** ** ** ** **	50.79	15.00
204 CYS SG	-32.67	-24.58	49.75	15.00
205 GLY N	-30.64		50.92	15.00
205 GLY CA	-29.86	1, 44, 33,433 (4.7)	51.76	15.00
205 GLY C	-30.07	-29.75	53.23	15.00
205 GLY 0	-29.14	-29.81	54.04	15.00
206 ILE N	-31.29	-29.37	53.59	15.00
206 ILE CA	-31.60			15.00
206 ILE CB	-33.08		55.16	15.00
206 ILE CG2	-34.01	-29.71	54.60	15.00
206 ILE CG1	-33.38	-28.40	56.63	15.00
206 ILE CD1	-34.65	-27,65	56.89	
SAR TIE C	-31.30	-30.24	55.91	15.00
206 ILE 0	-30.92	-30.05	57.07	15.00
207 ALA N	-31.42	-31.46	55.39	15.00
207 ALA CA	-31.16	-32.64	56.19	15.00

	207 ALA CB	-32.30	-33.64	56.03	15.00
	207 ALA C	-29.82	-33.31	55.92	15.00
	207 ALA O	-29.71	-34.52	55.99	15.00
	208 ASN N	-28.75	-32.54	55.69	15.00
	208 ASN CA	-27.44	-33.14	55.41	15.00
	208 ASN CB		-32.66	54.07	15.00
	208 ASN CG	-27.50	-33.42	52.92	15 00
	208 ASN OD1	-28.69	-33.32	52.66	15 00
	208 ASN ND2	-26.68	-34.22	52 24	15.00
	208 ASN C	-26.38	-32.91	56 46	15.00
Lagr	208 ASN 0	-25.30	-33.49	56.40	15.00
	209 LEU N	-26.65	-32.01	57 40	15 00
	209 LEU CA	-25.71	-31.72	58 47	15.00
	209 LEU CB	-24.78	-30.58	58.07	15.00
	209 LEU CG	-23.44	-30.57	58.80	15 00
	209 LEU CD1	-22.65	-31.81	58.41	15.00
	209 LEU CD2	-22.65	-29.33	58 46	15.00
	209 LEU C	-26.52	-31.34	59 69	15.00
	209 LEU O	-26.24	-30.34	60.34	15.00
	210 ALA N	-27.55	-32.13	59 94	15.00
	210 ALA H	-27.87	-32 61	50 15	15 00
	210 ALA CA	-28.41	-31.91	61 10	15 00
	210 ALA CB	-29.82	-32.45	60 85	15 00
	210 ALA C	-27.84	-32.66	62 31	15.00
	210 ALA O	-27.12	-33.64	62.12	15 00
	211 SER N	-28.10	-32.14	63.49	15 00
	211 SER CA	-27.62	-32.76	64.72	15.00
	211 SER CB	-26.11	-32.53	64.90	15.00
	211 SER OG	-25.80	-31.16	65.02	15 00
	211 SER C	-28.35	-32.12	65.88	15 00
	211 SER 0	-28.97	-31.08	65.73	15 00
	212 PHE N	-28.31	-32.77	67.03	15.00
	212 PHE CA	-28.95	-32.21	68.21	15.00
	212 PHE CB	-30.43	-32.63	68.32	15.00
	212 PHE CG	-30.66	-34.13	68.43	15 00
	212 PHE CD1	-31.05	-34.86	67.32	15.00
	212 PHE CD2	-30.55	-34.79	69.67	15.00
	212 PHE CE1	-31.34	-36.23	67.44	15 00
	212 PHE CE2	-30.83	-36.15	69.79	15 00
	212 PHE CZ	-31.23	-36.86	68.67	15.00
	212 PHE C	-28.14	-32.62	69.42	15.00
	212 PHE 0	-27.50	-33.67	69.42	15.00
	213 PRO N	-28.02	-31.73	70.40	15.00

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	213 PRO CD	-28.49	-30.34	70.46	15.00
	213 PRO CA	-27.25	-32.08	71 50	15.00
	213 PRO CB	-26.99	-30:73	72 23	15 00
	213 PRO CG	-28.24	-29.98	71.91	15.00
ş4.	213 PRO C	-28.08	-32.96	72.51	15.00
	213 PRO O	-29.31	-32.92	72.48	15 00
	214 LYS N	-27.43	-33.79	73.30	15.00
	214 LYS CA	-28.14	-34.63	74.23	15.00
	214 LYS CB	-27.49	-36.02	74 28	15 00
	214 LYS CG	-28 37	_37 11	75 74	
	214 LYS CD	-27.43	-38.10	72 81	15.00
	214 LYS CE	-26.30	-38.66	73 65	15.00
	214 LYS NZ	~25.35	-39.45	72 81	15 00
	214 LYS C	-28.02	-33.93	75.57	15.00
	214 LYS 0	-26.95	-33.45	75.91	15 00
1. 3	215 MET N	-29.11	-33.79	76 30	15.00
	215 MET CA	-29.01	-33.15	77.60	15.00
	215 MET CB	-29.60	-31 73	77 56	1E 00
	215 MET CG	-28.77	-30.73	78 36	15.00
	215 MET SD	-29.41	-29.06	78 37	15.00
	215 MET CE	-30.41	-29.07	79 82	15.00
	215 MET C	-29.66	-33 98	78 71	15.00
·.*	215 MET OT1	-30.59	-34:77	78 41	15.00
	215 MET OT2	-29.20	-33.85	79 87	15.00
	216 нон он2	-28.05	-18.06	84 86	15.00
· :	217 нон он2	-23.19	-33.36	81.36	
	218 нон он2	A Committee of the contract of	-15.80	65 41	15.00
	219 нон он2	-30.17	-19.91		15.00
:	220 нон он2	-13 36	-11 60	62 06	3 - 00
	221 HOH OH2	-9.95	-9 46	71 42	15 00
	222 нон он2	-34.59	-22.68	70.30	15.00
	223 нон он2	-17.52		64.33	
	224 нон он2	-15.72	2.2	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	36 0 14 58 CO. 110
	225 нон он2		-30.51	62 51	15.00
	226 нон он2	-10.27	-5.38	68 10	15.00
	227 нон он2		-16.84	67 70	15.00
: :: :	228 НОН ОН2	-44.88			
• • • • • • • • • • • • • • • • • • • •	229 нон он2	-44.59	-36 65	49.92	
	230 нон он2			56.24 68.33	
en e	231 нон он2	-38.40	-35.66		
*	232 нон он2		-36.86		15.00
	233 нон он2	-41.75			15.00
	234 НОН ОН2	-28.01		46.57	
		20.01	- <b>1</b> 2 . 3 8	62.11	T2.00

	5 12 1		ili Zydut	
235 нон он2	-21.94	-29.60	62.55	15.00
236 нон он2		e e e e e e e e e e e e e e e e e e e		15.00
237 НОН ОН2	-29.39	-20.71	79.14	15.00
238 НОН ОН2	-30.20	-22.42	84.30	15.00
239 нон он2	-40.59	-13.37	49.72	15.00
240 HOH OH2	-36.04	-24.57	49.50	
241 HOH OH2	-46.35	-34.82	56.72	
242 НОН ОН2	-24.71	-3.06	61.99	15.00
243 нон он2	-44.08	-16.56	65.62	15.00
244 HOH OH2	-25.57	-5.90	65.10	15.00
245 HOH OH2	-33.44	-27.60	71.31	
246 нон он2	-47.48	-27.33	77.05	15.00
247 НОН ОН2	-14.60	-14.01	81.32	15.00
248 HOH OH2	-7.93	-18.05	73.48	15.00
249 НОН ОН2	-7.49	-16.70	75.98	
250 НОН ОН2	-26.27	-35.42	59.26	15.00
251 нон он2	-35.15	-10.72	53.73	5. 7 NA 5 S.
252 нон он2	-33.62	-27.20	46.10	
253 НОН ОН2	-40.60	the first of the second of the second	45.07	15.00
254 НОН ОН2	-41.25	-34.55	55.94	15.00
255 НОН ОН2	-40.71	-18.20	72.64	15.00
256 нон он2	-32.67	-13.41	60.76	15.00
257 НОН ОН2	-39.61	-9.04	58.76	15.00
258 нон он2	-31.33	-8.54	65.90	15.00
259 нон он2	-31.41	-5.90	a Tiburi ya Maran Caba hili	15.00
260 нон он2	-19.54	-8.02	63.36	15.00
261 НОН ОН2	-33.59	-19.88	70.38	15.00
262 нон он2	-32.78	-42.12	66.81	15.00
263 нон он2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-22.75	77.99	15.00
264 нон он2	-8.15	-22.46	73.27	15.00
265 НОН ОН2	-9.06	-29.93	75.92	15.00
266 нон он2	-20.77		62.36	15.00
267 НОН ОН2	-24.27	-45.12		15.00
268 НОН ОН2	-11.63	the foreign to the contract of	70.13	
269 НОН ОН2	-11.87		72.10	15.00
270 НОН ОН2	-19.16	-34.47	79.41	
271 нон он2	-22.14	-37.69	70.75	15.00
272 НОН ОН2	-34.50	-24.81	88.02	15.00
273 НОН ОН2	-6.96	-12.16	66.61	15.00
274 НОН ОН2	-705	-22.45	69.94	15.00
275 нон он2	-16.95	-20.23	55.91	15.00
276 нон он2	-29.20		48.90	
	-25.90			

WO 97/16177					
***************************************					PCT/US96/17512
	 7	TABLE			,
		 TABL	■以前側側としては、アンコードには、	•	

O 97/	16177					PC
	,			TABLE	<b>u</b>	
-	278	нон он2	-35.36	-37.73	52.91	15.00
٠		нон он2	-20.12	-27.71	네 6 개들의 장점하다	15.00
		нон он2		-31.38	- KONDAN, SY XVIII	15.00
	281	нон он2	-38.13	-30.43	51.07	15.00

## TABLE VI

6 ASP CA	-43.81	-24.70	66.29	15.00
6 ASP CB	-44.76	-23.60	65.80	15.00
6 ASP CG	-44.06	-22.25	65.59	15.00
6 ASP OD1	-42.88	-22.10	65.94	15.00
6 ASP OD2	-44.73	-21.33	65.08	15.00
6 ASP C	-43.41	-24.48	67.75	15.00
6 ASP 0	-44.26	-24.33	68.63	15.00
7 TYR N	-42.12	-24.54	68.00	15.00
7 TYR CA	-41.60	-24.37	69.34	15.00
7 TYR CB	-40.20	-24.96	69.42	15.00
7 TYR CG	-40.23	-26.49	69.41	15.00
7 TYR CD1	-40.62	-27.20	70.55	15.00
7 TYR CE1	-40.66	-28.57	70.55	15.00
7 TYR CD2	-39.89	-27.21	68.27	15.00
7 TYR CE2	-39.94	-28.60	68.26	15.00
7 TYR CZ	-40.32	-29.27	69.41	15.00
7 TYR OH	-40.40	-30.63	69.42	15.00
7 TYR C	-41.64	-22.94	69.83	15.00
7 TYR O	-41.52	-22.68	71.03	15.00
8 ARG N	-41.85	-22.01	68.90	15.00
8 ARG CA	-41.91	-20.58	69.22	15.00
8 ARG CB	-42.07	-19.74	67.95	15.00
8 ARG CG	-40.84	-19.78	67.04	15.00
8 ARG CD	-41.01	-18.96	65.78	15.00
8 ARG NE	-41.97	-19.57	64.86	15.00
8 ARG CZ	-42.43	-18.97	63.77	15.00
8 ARG NH1	-42.03	-17.75	63.46	15.00
8 ARG NH2	-43.30	-19.60	62.98	15.00
8 ARG C	-43.09	-20.36	70.15	15.00
8 ARG O	-42.95	-19.71	71.18	15.00
9 LYS N	-44.23	-20.95	69.82	15.00
9 LYS CA	-45.41	-20.80	70.64	15.00
9 LYS CB				
9 LYS CG	-46.93	-20.90	68.60	15.00
9 LYS CD	-47.74	-21.89	67.79	15.00
9 LYS CE	-48.07	-21.38	66.41	15.00
9 LYS NZ				
9 LYS C	-45.16	-21.46	71.99	15.00
9 LYS O	-45.70	-21.01	73.01	15.00
O LYS N	-44.29	-22.46	71.99	15.00
0 LYS CA	-43.94	-23.25	73.18	15.00
0 LYS CB				
0 LYS CG	-44.19	-25.43	71.81	15.00

## TABLE VI

10 LYS CD	-45.03	-26.48	72.52	15.00
10 LYS CE	-46.23	-25.86	73.25	and the state of t
10 LYS NZ	-47.28		72.33	15.00
10 LYS C	-42.97		74.15	15.00
10 LYS 0	-42.91	-22.97	75.32	15.00
11 GLY N	-42.15	-21.66	73.67	15.00
11 GLY CA	-41.20	-21.02	74.57	15.00
11 GLY C	-39.83	-21.68	74.55	15.00
11 GLY O	-39.00	-21.42	75.42	15.00
12 TYR N	-39.57	-22.49	73.53	15.00
12 TYR CA	-38.29	-23.18	73.39	15.00
12 TYR CB	-38.48	-24.53	72.68	15.00
12 TYR CG	-39.09	-25.67	73.49	15.00
12 TYR CD1	-40.24	-25.49	74.27	15.00
12 TYR CE1	-40.82	-26.55	74.95	15.00
12 TYR CD2	-38.55	-26.95	73.42	15.00
12 TYR CE2	-39.13	-28.01	74.09	15.00
12 TYR CZ	-40.26	-27.81	74.85	15.00
12 TYR OH	-40.86	-28.88	75.47	15.00
12 TYR C	-37.31	-22.37	72.55	15.00
12 TYR O	-36.15	-22.73	72.44	15.00
13 VAL N	-37.78	-21.29	71.94	15.00
13 VAL CA	-36.94	-20.46	71.07	15.00
13 VAL CB	-37.56	-20.37	69.65	15.00
13 VAL CG1	-36.60	-19.70	68.68	15.00
13 VAL CG2	-37.91	-21.76	69.16	15.00
13 VAL C	-36.75	-19.06	71.62	15.00
13 VAL O	-37.70	-18.41	72.02	15.00
14 THR N	-35.51	-18.61	71.66	15.00
14 THR CA	-35.21	-17.27	72.15	15.00
14 THR CB	-33.80	-17.21	72.74	15.00
14 THR OG1	-32.85	-17.58	71.74	15.00
14 THR CG2	-33.69	-18.13	73.92	15.00
14 THR C	-35 31	-16 23	71 02	15 00
14 THR O	-35.46	-16.59	69.85	15.00
TO PRO N	-35.25	-14.94	71.35	15.00
15 PRO CD	-35.15	-14.35	72.71	15.00
15 PRO CA	-35.34	-13.89	70.34	15.00
15 PRO CB	-35.15	-12.62	71.16	15.00
15 PRO CG	-35.72	-12.99	72.50	15.00
15 PRO C	-34.26	-14.00	69.25	15.00
15 PRO O	-33.13	-14.41	69.53	15.00
16 VAL N	-34.61	-13.62	68.02	15.00

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				10 10 JAN 11 JA
16 VAL CA	-33.69	-13.67	66.89	A1.2 (1917)
16 VAL CB	-34.39			
16 VAL CG1	-33.36	-13.27		15.00
16 VAL CG2	-35.29			
16 VAL C	-32.56			15.00
16 VAL O	-32.79			15.00
17 LYS N	-31.34		66.92	15.00
17 LYS CA	-30.15		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
17 LYS CB	-29.13	-13.09	67.91	15.00
17 LYS CG	-29.67	-13.49	69.27	15.00
17 LYS CD		-12.30	69.96	15.00
17 LYS CE	-30.93		71.28	15.00
17 LYS NZ	-31.68	-11.47	71.83	15.00
17 LYS C	-29.58	-12.08	65.65	15.00
17 LYS 0	-30.13	A STATE OF THE STA	64.64	15.00
18 ASN N	-28.48	-11.33	65.60	15.00
18 ASN CA	-27.82	-10.98	64.34	15.00
18 ASN CB	-28.02		64.05	15.00
18 ASN CG	-27.42	-9.05	62.72	15.00
18 ASN OD1	-26.35	-9.49	62.32	15.00
18 ASN ND2	-28.11	-8.15	62.03	15.00
18 ASN C	-26.32	-11.27	64.49	15.00
18 ASN O	-25.67	-10.71	65.37	15.00
19 GLN N	-25.79	-12.14	63.63	15.00
19 GLN CA	-24.38	-12.49	63.68	15.00
19 GLN CB	-24.08	-13.76	62.87	15.00
19 GLN CG	-24.55	-13.74	61.41	15.00
19 GLN CD	-24.19	-15.02	60.65	15.00
19 GLN OE1	-25.06	-15.85	60.37	15.00
19 GLN NE2	-22.92	-15.16	60.28	15.00
19 GLN C	-23.43	-11.34	63.29	15.00
19 GLN 0	-22.26	-11.34	63.67	15.00
20 GLY N	-23.92	-10.39	62.50	15.00
20 GLY CA	-23.11	-9.25	62.11	15.00
20 GLY C	-22.23	-9.49		15.00
20 GLY O	-22.71	-9.92	59.87	15.00
21 GLN N	-20.96	-9.14	61.02	15.00
21 GLN CA	-20.02	-9.34	59.92	15.00
21 GLN CB	-19.11	-8.11	59.75	15.00
21 GLN CG	-19.78	-6.87	59.13	15.00
21 GLN CD	-20.32	-7.11	57.72	15.00
21 GLN OE1	-19.57	-7.44	56.79	15.00
21 GLN NE2	-21.62	-6.95	57.55	15.00

## TARI F VI

			1.11	*.
21 GLN C	-19.18	-10.59	60.17	15.00
21 GLN 0	-18.39	-11.01	59.33	
22 CYS N	-19.34	-11.17	61.36	
22 CYS CA	-18.63	-12.38	61.75	15.00
22 CYS C	-19.40	-13.60	61.22	15.00
22 CYS O	-20.64	-13.58	61.15	15.00
22 CYS CB	-18.52	-12.41	63.27	15.00
22 CYS SG	-17.94	-13.95	64.05	15.00
23 GLY N	-18.68	-14.63	60.78	15.00
23 GLY CA	-19.32	-15.82	60.25	15.00
23 GLY C	-19.52	-16.87	61.32	15.00
23 GLY O	-19.06	-18.00	61.18	15.00
24 SER N	-20.24	-16.49	62.37	15.00
24 SER CA	-20.52	-17.34	63.52	15.00
24 SER CB	-20.42	-16.49	64.77	15.00
24 SER OG	-21.27	-15.36	64.65	15.00
24 SER C	-21.92	-17.95	63.44	15.00
24 SER O	-22.54	-18.24	64.47	15.00
25 CYS N	-22.40	-18.17	62.23	15.00
25 CYS CA	-23.72	-18.75	62.04	15.00
25 CYS CB	-24.08	-18.74	60.55	15.00
25 CYS SG	-23.06	-19.79	59.52	15.00
25 CYS C	-23.81	-20.15	62.66	15.00
25 CYS O	-24.90	-20.59	63.05	15.00
25 INH C1	-27.01	-9.79	58.47	15.00
25 INH C2	-26.33	-10.46	59.49	15.00
25 INH C3	-25.12	-11.10	59.22	15.00
25 INH C4	-24.57	-11.08	57.94	15.00
25 INH C5	-25.26	-10.40	56.92	15.00
25 INH C6	-26.47	-9.76	57.18	15.00
25 INH C7		-11.75	57.65	15.00
25 INH 08	-23.16		57.51	15.00
25 INH C9	-22.82	-13.83	56.29	15.00
25 INH C10		-13.30	55.22	15.00
25 INH C11	-23.03	-15.93	55.08	15.00
25 INH C12	-22.32	-15.39	54.01	15.00
25 INH C13	-21.85	-14.07	54.07	15.00
25 INH C14	-23.54	-17.29	55.29	15.00
25 INH 015	-24.49	-17.82	54.70	15.00
25 INH N16	-22.71	-17.77	56.29	15.00
25 INH N17	-22.76	-19.07	56.92	15.00
25 INH C18	-23.27	-15.13	56.20	15.00
25 INH C19	-22.05	-19.01	58.26	15.00

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25 INH 020	-21.78	-17.83	58.57	15.00
25 INH C21	-21.27	-30.33	52.84	15.00
25 INH C22	-20.95	-30.49	54.19	15.00
25 INH C23	-20.34	-29.44	54.89	15.00
25 INH C24	-20.03	-28.23	54.25	15.00
25 INH C25	-20.35	-28.09	52.90	15.00
25 INH C26	-20.96	-29.12	52.19	15.00
25 INH C27	-19.35	-27.11	55.01	15.00
25 INH 028	-20.01	-25.85	55.20	15.00
25 INH C29	-20.09	-25.30	56.50	15.00
25 INH 030	-19.34	-25.70	57.40	15.00
25 INH C31	-21.28	-23.64	57.93	15.00
25 INH C32	-21.14	-24.56	59.14	15.00
25 INH C33	-22.16		59.35	15.00
25 INH C34	-23.25	-25.62	58.28	15.00
25 INH C35	-21.45	-27.01	59.33	15.00
25 INH C36	-20.52	-22.34	58.22	15.00
25 INH 037	-19.37	-22.35	58.66	15.00
25 INH N38	-21.23	-21.24	57.98	15.00
25 INH N39	-20.81		58.17	15.00
25 INH N40	-21.01	-24.34	56.66	15.00
26 TRP N	-22.67	-20.83	62.82	15.00
26 TRP CA	-22.65	-22.16	63.44	15.00
26 TRP CB	-21.35	-22.91	63.12	15.00
26 TRP CG	-20.11	-22.22	63.59	15.00
26 TRP CD2	-19.48	-22.37	64.87	15.00
26 TRP CE2	-18.42	-21.44	64.92	15.00
26 TRP CE3	-19.71	-23.18	65.98	15.00
26 TRP CD1	-19.41	-21.27	62.93	15.00
26 TRP NE1	-18.40	-20.78	63.72	15.00
26 TRP CZ2	-17.59	-21.30	66.03	
26 TRP CZ3	-18.88	-23.05	67.10	15.00
26 TRP CH2	-17.84	-22.11	67.11	
26 TRP C	-22.85	-22.06	64.96	15.00
26 TRP O	-23.57	-22.86	65.55	15.00
27 ALA N	-22.24	-21.04	65.57	15.00
27 ALA CA	-22.33	-20.83	67.01	15.00
27 ALA CB	-21.35	-19.78	67.46	15.00
27 ALA C	-23.74	-20.47	67.45	15.00
27 ALA O	-24.21	-20.91	68.50	15.00
28 PHE N	-24.42	-19.66	66.66	15.00
28 PHE CA	-25.79	-19.27	66.96	15.00
28 PHE CB				

## TABLE VI

		11		
28 PHE CG		-16.77	66.49	15.00
28 PHE CD1		-16.32	65.99	15.00
28 PHE CD2	-26.35	-15.98	67.42	15.00
28 PHE CE1	-23.92	-15.11		
28 PHE CE2	-25.81	-14.78	67.84	15.00
28 PHE CZ	-24.60	-14.35	67.34	
28 PHE C	-26.74	-20.47	66.82	15.00
28 PHE O	-27.62	-20.68	67.66	15.00
29 SER N	-26.56	-21.25	65.78	
29 SER CA	-27.40	-22.41	65.55	
29 SER CB	-27.05	-23.08	64.23	15.00
29 SER OG	-27.68	4	64.15	15.00
29 SER C	-27.28		66.66	15.00
29 SER 0	-28.27		67.03	21 S 2 S
30 SER N	-26.06		67.16	15.00
30 SER CA	-25.79	-24.61		15.00
30 SER CB	of the first of the contract o	-24.72	68.44	15.00
30 SER OG	-23.64	-25.04	67.22	15.00
30 SER C	-26.44	1 13 777 9 9 7 1 1	69.51	15.00
30 SER O	-27.07	-24.93	70.25	15.00
31 VAL N	-26.25	-22.87	69.80	15.00
31 VAL CA	-26.81	-22.23	70.98	15.00
31 VAL CB	-26.39	-20.75	71.00	15.00
31 VAL CG1	-27.52	-19.85	71.44	15.00
31 VAL CG2	-25.18	and the second second	71.92	15.00
31 VAL C	-28.32	and the same of th	70.92	15.00
31 VAL O	-28.95		71.94	15.00
32 GLY N	-28.89	-22.27	69.73	15.00
32 GLY CA		-22.44	69.56	15.00
32 GLY C	-30.76		69.97	177
32 GLY O	The second secon	-24.00	70.65	15.00
33 ALA N	-30.00		69.55	15.00
33 ALA CA		-26.21		15.00
33 ALA CB	-29 29	-27 14	60.03	15.00
33 ALA C	-30.20	-26 34	71 42	15.00
33 ALA O		-26.70	71.42	
34 LEU N	-29.06		72.06	15.00
	-28 87	-26.06	72 44	15.00
	-28.87 -27.55	-25 42	72.05	15.00
34 LEU CG				15.00
34 LEU CD1		-26.10 -25.21		
34 LEU CD2		-25.21		
4 LEU C		-27.45		
- 1100	-50.02	-25.41	74.21	15.00

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34 LEU 0	-30.59	-26.01	75.13	15.00
35 GLU N	-30.39	-24.20	73.80	15.00
35 GLU CA	-31.46	-23.44	74.44	15.00
35 GLU CB	-31.63	-22.08	73.77	15.00
35 GLU CG	-30.41	-21.18	73.87	15.00
35 GLU CD	-30.58	-19.86	73.15	15.00
35 GLU 0E1	-31.46	-19.76	72.27	15.00
35 GLU 0E2	-29.83	-18.92	73.46	15.00
35 GLU C	-32.79	-24.17	74.42	15.00
35 GLU 0	-33.51	-24.18	75.42	15.00
36 GLY N	-33.11	-24.77	73.27	15.00
36 GLY CA	-34.35	-25.52	73.13	15.00
36 GLY C	-34.42	-26.67	74.11	15.00
36 GLY 0	-35.48	-26.98	74.65	15.00
37 GLN N	-33.28	-27.30	74.37	15.00
37 GLN CA	-33.21	-28.42	75.29	15.00
37 GLN CB	-31.94	-29.22	75.05	15.00
37 GLN CG	-32.00	-30.06	73.80	15.00
37 GLN CD	-33.19	-31.00	73.80	15.00
37 GLN OE1	-33.32	-31.84	74.69	15.00
37 GLN NE2	-34.07	-30.83	72.84	15.00
37 GLN C	-33.28	-27.96	76.74	15.00
37 GLN 0	-33.94	-28.58	77.58	15.00
38 LEU N	-32.64		77.01	15.00
38 LEU CA	-32.62	5. 5. 5. 5.	78.35	15.00
38 LEU CB	4 . 4 . 4 .	-24.98	78.37	15.00
38 LEU CG	7	-24.37	79.75	15.00
38 LEU CD1		-25.34	80.61	15.00
38 LEU CD2		-23.05	79.63	15.00
38 LEU C		-25.95	78.83	15.00
38 LEU O		-25.95	80.02	15.00
39 LYS N	-34.94		77.90	15.00
39 LYS CA	-36.32	-25.38	78.26	15.00
39 LYS CB				
39 LYS CG	-38.53	-24.45	77.32	15.00
39 LYS CD	-38.85	-23.47	78.43	15.00
39 LYS CE	÷40.35	-23.46	78.70	15.00
39 LYS NZ				
39 LYS C	-36.98	-26.72	78.54	15.00
	-37.63			
	-36.73			
40 LYS CA				
40 LYS CB	-36.61	-29.90	76.66	15.00

40 LYS CG	-37.25	-31.25	76.41	15.00
40 LYS CD				5
40 LYS CE	-39.15	-32.44		
40 LYS NZ	-38.32	-33.29	74.44	
40 LYS C	-37.07		79.08	
40 LYS O	-37.99	-30.28	79.63	15.00
41 LYS N	-35.87	-29.50	79.64	15.00
41 LYS CA	-35.54	-30.10	80.93	15.00
41 LYS CB	-34.07	-30.55	80.94	15.00
41 LYS CG	-33.59	-31.28	79.68	15.00
41 LYS CD		-32.44	79.28	15.00
41 LYS CE	-34.05	-33.08	77.96	15.00
41 LYS NZ	-35.06	-34.05	77.42	15.00
41 LYS C	-35.79	-29.20	82.14	15.00
41 LYS O	-36.48	-29.59	83.09	15.00
42 THR N	-35.20	-28.01	82.11	15.00
42 THR CA	-35.30	-27.03	83.19	15.00
42 THR CB	-34.20	-25.98	82.99	15.00
42 THR OG1	-32.95	-26.64	82.85	15.00
42 THR CG2	-34.13	-25.03	84.17	15.00
42 THR C	-36.64	-26.32	83.38	15.00
42 THR O	-36.96	-25.86	84.48	15.00
43 GLY N	-37.43	-26.23	82.31	15.00
43 GLY CA	-38.70	-25.53	82.38	15.00
43 GLY C		-24.01	82.29	15.00
43 GLY O	-39.48		82.34	15.00
44 Lys n	-37.27	-23.57	82.16	15.00
44 LYS CA		-22.15	82.05	15.00
44 LYS CB		-21:65	83.33	15.00
44 LYS CG	1.0	-21.45	84.50	15.00
44 LYS CD	-36.45	-21.05	85.78	15.00
44 LYS CE	-35.71	-22.21	86.39	15.00
44 LYS NZ	-36.62	-23.38	86.62	15.00
14 LYS C	-35.98	-21.98	80.87	15.00
14 LYS O	-35.10	-22.82	80.66	15.00
	-36.17	-20.92	80.10	15.00
15 LEU CA	-35.33			
5 LEU CB	-36.23		77.77	15.00
5 LEU CG	-35.64	-20.07	76.38	15.00
5 LEU CD1	-35.28	-21.42	75.82	15.00
5 LEU CD2	-36.67	-19.42	75.52	15.00
15 LEU C	-34.33		79.25	15.00
5 LEU O	-34.59	-18.70	80.09	15.00

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46 LEU N	-33.18	-19.57	78.58	15.00
46 LEU CA	-32.16	-18.56	78.80	
46 LEU CB	-31.30	-18.93	80.01	15.00
46 LEU CG	-30.51	-17.78	80.61	15.00
46 LEU CD1	-31.46	-16.70	81.06	15.00
46 LEU CD2	-29.69	-18.27	81.78	15.00
46 LEU C	-31.27	-18.40	77.56	
46 LEU O	-31.02	-19.36	76.85	15.00
47 ASN N	-30.83	-17.17	77.29	15.00
47 ASN CA	-29.98	-16.89	76.13	15.00
47 ASN CB	-29.92	-15.38	75.84	15.00
47 ASN CG	-31.27	-14.80	75.53	15.00
47 ASN OD1	-31.93	-14.22	76.41	15.00
47 ASN ND2	-31.71	-14.94	74.29	15.00
47 ASN C	-28.57	-17.36	76.39	15.00
47 ASN 0	-27.91	-16.86	77.30	5 . 5 2.4
48 LEU N	-28.10	-18.32	75.61	15.00
48 LEU CA	-26.75	-18.84		15.00
48 LEU CB	-26.70	-20.31	75.39	15.00
48 LEU CG	-27.60	-21.19	76.26	15.00
48 LEU CD1	-27.18	-22.64	76.10	15.00
48 LEU CD2	-27.50	-20.77	77.73	15.00
48 LEU C	-25.77	-18.04	74.98	15.00
48 LEU O	-26.14	-17.34	74.04	15.00
49 SER N	-24.50	-18.13	75.34	15.00
49 SER CA	-23.47	-17.36	74.67	15.00
49 SER CB	-22.34	-17.06	75.64	15.00
49 SER OG	-21.34	-16.25	75.03	15.00
49 SER C	-22.89	-17.98	73.40	15.00
49 SER O	-22.29	-19.06	73.45	15.00
50 PRO N	-23.07	-17.31	72.24	15.00
50 PRO CD	-24.05		72.05	15.00
50 PRO CA	-22.55	-17.77	70.95	15.00
50 PRO CB	-23.37	-16.96	69.95	15.00
50 PRO CG	-24.61	-16.59	70.71	15.00
JU PRO C	-21.09	-17.37	70.86	15.00
50 PRO 0	-20.29	-18.01	70 19	15 00
51 GLN N	-20.74	-16.27	71.52	15.00
DI GUN CA	-19.37	-15.78	71.56	15.00
DI GIM CB	-19.30	-14.45	72.33	15.00
51 GLN CG	-17.93	-13.77	72.34	15.00
51 GLN CD	-17.55	-13.17	71.00	15.00
51 GLN OE1	-18.39	-12.57	70.31	15.00

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	51 GLN NE2	-16.29	-13.29	70.64	15.00
	51 GLN C	-18.53			
	51 GLN O	-17.45	-17.17		15.00
	52 ASN N		-17.33		
	52 ASN CA				15.00
	52 ASN CB	-19.20		75.24	
	52 ASN CG	-18.51	-19.98	76.10	
	52 ASN OD1		-20.54		
	52 ASN ND2			75.86	
경영 생활하	52 ASN C		-19.45	73.19	
	52 ASN O		-19.87		15.00
	53 LEU N	-18.76	-19.88	72.32	15 00
	53 LEU CA	-18.42	-20.92	71 38	15.00
	53 LEU CB	-19.66	-21.39	70.63	15.00
	53 LEU CG	-20.68	-22.14	71 49	15.00
	53 LEU CD1	-21.63	-22.88	70 59	15.00
	53 LEU CD2	-19.98	-23.13	72.38	15.00
	53 LEU C		-20.41		
	53 LEU 0	-16.28	-21.02	70 31	15.00
	54 VAL N	-17.61	-19.27	69 79	15.00
	and the second s	-16.68	-18.63	68.86	
	54 VAL CB		-17.18	68.52	
	54 VAL CG1		-16.35	67.96	
	54 VAL CG2			67.54	
	54 VAL C		-18.57	69.37	15.00
	54 VAL O	-14.31	-18.91	68 66	15.00
	55 ASP N	-15.07	-18.14		15.00
	55 ASP CA		-18.00		15.00
	55 ASP CB	-13.78	-16.96	72.33	
	55 ASP CG		-15.61	71 87	15.00
	55 ASP OD1	-14.16	-15.30		15.00
	55 ASP OD2	-14.79		72.72	
	55 ASP C			71 77	15 00
	55 ASP O	-11.88	-19.33	71.86	
		-13.89		72 17	15.00
		-13.31	-21.45	72 77	15.00
	56 CYS C	-13.25	-22 75	71 96	15.00
	56 CYS O	-12.44	-23.62	72 27	15 00
	56 CYS CB	-13.98	-21.73	74 11	15.00
	56 CYS SG	-14.30	-20.24	75 11	15.00
	57 VAL N	-14.09	-22.89	70 94	15.00
	57 VAL CA	-14.08	-24.13		15.00
	57 VAL CB	-15.43	-24.34	69 42	15.00
				JJ . T4	4 4 4 1 1 1 1

57 VAL CG1	-15.47	-25.73	68.80	15.00
57 VAL CG2		-24.17		
57 VAL C	-12.91	-24.19	69.18	15.00
57 VAL 0	-13.08	-24.04	67.98	15.00
58 SER N	-11.71	-24.46	69.70	37.0
58 SER CA	-10.50	-24.55	68.89	15.00
58 SER CB	-9.34	-25.09	69.72	15.00
58 SER OG	-9.08	-24.27	70.85	15.00
58 SER C	-10.61	-25.37	67.62	15.00
58 SER 0	-9.84	-25.18	66.70	15.00
59 GLU N	-11.57	-26.29	67.56	TO 2 1 (A) 1
59 GLU CA		-27.13	66.38	1. 26 . 33
59 GLU CB		-28.41	66.73	15.00
59 GLU CG	-11.81	-29.30	67.75	A STATE OF THE STA
59 GLU CD	-11.90	-28.75	69.16	15.00
59 GLU OE1	-12.96	-28.18		
59 GLU OE2	-10.92	-28.91	69.91	15.00
59 GLU C	-12.39	-26.41	65.23	15.00
59 GLU 0	-12.46			15.00
60 ASN N	-12.93		65.53	15.00
60 ASN CA	-13.61	-24.41	64.53	15.00
60 ASN CB	-14.99	-24.01	65.03	15.00
60 ASN CG	-15.97	-25.16	<ul> <li>1 (1) (1) (1) (2) (2) (2) (2) (2) (2)</li> </ul>	15.00
60 ASN OD1	-17.03	-25.09		15.00
60 ASN ND2	-15.62	-26.23	64.31	15.00
60 ASN C	-12.75	-23.19	64.27	15.00
60 ASN O	-11.79	-22.94	64.98	<ul> <li>4000, 000, 000, 200, 100</li> </ul>
61 ASP N	-13.12	-22.41	1	15.00
61 ASP CA	-12.36	-21.23	62.88	15.00
61 ASP CB	-12.21	-21.20	61.35	and a country to the
61 ASP CG	-10.99	-20.43	60.90	15.00
61 ASP OD1	-10.38	-19.70	61.71	15.00
61 ASP OD2	-10.63	-20.55	59.71	15.00
61 ASP C	-12.92	-19.89	63.39	15.00
OT MOE O	-14.11	-10.00	02.70	12.00
62 GLY N	-13.61	-19.89	64.52	15.00
62 GLY CA	-14.16	-18.66	65.06	15.00
62 GLY C				
62 GLY O	-16.17	-18.50	63.79	15.00
63 CYS N		-16.79		15.00
63 CYS CA				15.00
63 CYS C		-16.55		
	-16.01		60.31	

				· -	
	63 CYS CB	-15.28	-14.56	62.73	15.00
	63 CYS SG	-15.94	-13.72		
After the Season	64 GLY N		-17.54		
144.40° 14°	64 GLY CA	-14.28	-18.09	59.74	15.00
	64 GLY C		-19.23		15.00
	64 GLY O	-15.42	-19.63		
	65 GLY N	-15.85	-19.77	60.52	15.00
	65 GLY CA	-16.79	-20.86	60.33	15.00
	65 GLY C	-16.54	-22.03	61.25	15.00
	65 GLY O	-15.56	-22.04	62.00	
	66 GLY N	-17.42	-23.02	61.19	15.00
	66 GLY CA	-17.29	-24.19		15.00
	66 GLY C	-18.50	-25.10	61.96	
	66 GLY O		-24.76	61.32	
	67 TYR N	-18.43	-26.25	62.62	15.00
	67 TYR CA	-19.53	-27.20	62.62	15.00
	67 TYR CB	-19.02	-28.60	62.32	15.00
	67 TYR CG	-18.35		60.99	
	67 TYR CD1	-19.08	-29.16	59.86	15 00
	67 TYR CE1	-18.46	-29.38	58.65	15.00
	67 TYR CD2	-16.98		60.86	
됐습니다	67 TYR CE2	-16.36	-28.81	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15.00
	67 TYR CZ		-29.20		
	67 TYR OH	-16.46	-29.41	57.35	15.00
	67 TYR C	-20.23	-27.22	63.97	15.00
	67 TYR O	-19.59		65.00	15.00
	68 MET N	-21.52		63.96	
	68 MET CA	-22.31	-27.57	65.19	
	68 MET CB	-23.81	-27.69	64.91	15.00
	68 MET CG	-24.46	-26.48	64.23	15.00
	68 MET SD	-24.10		62.47	
	68 MET CE		-27.56	61.75	15.00
	68 MET C	-21.86	-28.72	66.09	15.00
	68 MET O	-21.76	-28.56	67.30	15.00
	69 THR N	-21.54	-29.86	65.49	15.00
	69 THR CA	-21.10	-31.02	66.26	15.00
	69 THR CB	-20.78	-32.22	65.35	
	69 THR OG1	-20.01	-31.77	64.24	15.00
	69 THR CG2	-22.06	-32.86	64.85	15.00
	69 THR C	-19.88	-30.71	67.11	15.00
	69 THR O	-19.77	-31.19	68.25	15.00
	70 ASN N	-18.97	-29.89	66.59	15.00
10 10 7 1 mg	70 ASN CA	-17.77	-29.52	67.33	15.00

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70 ASN CB	-16.79	-28.76	66.46	15.00
70 ASN CG	-15.98	-29.65	65.58	15.00
70 ASN OD1	-15.42	-29.19	64.60	15.00
70 ASN ND2	-15.89	-30.93	65.92	15.00
70 ASN C	-18.11	-28.66	68.55	15.00
70 ASN 0	-17.46	-28.77	69.59	15.00
71 ALA N	-19.12	-27.80	68.40	15.00
71 ALA CA	-19.57	-26.91	69.47	15.00
71 ALA CB	-20.58	-25.91	68.94	15.00
71 ALA C	-20.15	-27.71	70.63	15.00
71 ALA O	-19.80	-27.50	71.78	15.00
72 PHE N	-21.03	-28.66	70.31	15.00
72 PHE CA	-21.64	-29.51	71.33	15.00
72 PHE CB	-22.57	-30.54	70.69	15.00
72 PHE CG	-23.72	-29.93	69.96	15.00
72 PHE CD1	-24.28	-28.73	70.39	15.00
72 PHE CD2	-24.24	-30.55	68.84	15.00
72 PHE CE1	-25.33	-28.16	69.70	15.00
72 PHE CE2	-25.30	-29.98	68.15	15.00
72 PHE CZ	-25.84	-28.78	68.58	15.00
72 PHE C	-20.53	-30.25	72.07	15.00
72 PHE 0	-20.43	-30.18	73.31	15.00
73 GLN N	-19.67	-30.90	71.31	15.00
73 GLN CA	-18.56	-31.66	71.86	15.00
73 GLN CB	-17.68	-32.20	70.72	15.00
73 GLN CG	-16.78	-33.40	71.09	15.00
73 GLN CD	-17.54	-34.73	71.21	15.00
73 GLN OE1	-17.47	-35.58	70.31	15.00
73 GLN NE2	-18.21	-34.94	72.35	15.00
73 GLN C	-17.76	-30.78	72.84	15.00
73 GLN O	-17.33	-31.25	73.89	15.00
74 TYR N	-17.62	-29.50	72.53	15.00
74 TYR CA	-16.89	-28.59	73.40	15.00
74 TYR CB	-16.70	-27.22	72.75	15.00
74 TYR CG				
74 TYR CD1		-26.05		
74 TYR CE1	-14.77	-25.07	75.22	15.00
74 TYR CD2	-17.30	-25.18	74.12	15.00
	-17.00			15.00
	-15.73			15.00
74 TYR OH	-15.42	-23.15	76.51	
	-17.58			
4 TYR O		-28.39		15.00

٠.				21.	and the second section	A STATE OF THE PARTY
75	VAL	N	-18.88	-28.12	74.67	15.00
75	VAL	CA	and the figure parameters of	-27.89		
75	VAL	СВ	11 1 7 (30,000°), *** 1 1 1	-27.58		15.00
75	VAL	CG1	2017 1 AM 2020 2000 1 AM 1	-27.27	76.78	15.00
75	VAL	CG2	VY 3850000 AAAY (3500 km²	-26.39	74.55	15.00
75	VAL	C	-19.62	-29.10	76.80	15.00
75	VAL	0	-19.60	-28.96	78.03	15.00
76	GLN	N	-19.59	-30.29	76.21	15.00
76	GLN	CA	-19.51	-31.51	76.98	15.00
	GLN	a salada'i i	-19.75	-32.69	76.05	15.00
	GLN	ar, Na Phair.	-19.79	-34.05	76.69	15.00
76	GLN	CD	-19.56	-35.13	75.66	15.00
76	GLN	OE1	-20.03	-35.04	74.53	15.00
0 f i 4	GLN		-18.78	-36.13	76.03	15.00
	GLN	W. W. J	-18.14	-31.60	77.64	15.00
76	GLN	0	-18.03	-31.59	78.86	15.00
	LYS	anne e e e e e e e e e e e e e e e e e e	-17.08	-31.61	76.84	15.00
S	LYS	7.7	-15.72	-31.70	77.36	15.00
	LYS	4 3 m 1 m 1	-14.70	-31.55	76.22	15.00
77	LYS	CG	-13.27	-31.34	76.69	15.00
77	LYS	CD	-12.32	-31.10	75.51	15.00
3 6 6 6 6	LYS	1996, 504 6, 2119, 451	-10.89	-30.81	75.97	15.00
77	LYS	NZ	-10.30	-31.95	76.76	15.00
77	LYS	C	-15.45	-30.64	78.42	15.00
77	LYS	0	-14.81	-30.91	79.45	15.00
78	ASN	N	-15.92	-29.42	78.17	15.00
78	ASN	CA	-15.74	-28.29	79.06	15.00
78	ASN	CB	-15.98	-27.00	78.28	15.00
78	ASN	CG	-15.69	-25.76	79.10	15.00
78	ASN	OD1	-14.58	-25.59	79.62	15.00
78	ASN	ND2	-16.67	-24.87	79.19	15.00
	ASN			-28.34	80.25	15.00
78	ASN	0	-16.42	-27.72	81.28	15.00
79	ARG	N	-17.79	-29.06	80.11	15.00
79	ARG	CA	-18.78	-29.18	81.16	15.00
79	ARG	CB	-18.14	-29.76	82.43	15.00
79	ARG	CG	-17.67	-31.20	82.26	15.00
79	ARG	CD	-16.65	-31.59	83.33	
		NE	-17.15	-31.38	84.68	15.00
79	ARG	CZ	-18.16	-32.06	85.22	15.00
79	ARG	NH1	-18.78	-33.03	84.55	15.00
79	ARG	NH2	-18.62	-31.70	86.43	15.00
79	ARG	C	-19.45			

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V (	79 ARG O	-19.31	-27.30	82.55	15.00
	11/31 A.	-20.13	Sec. 2. 2. 3. 3.		
	80 GLY CA	-20.82	-26.02	80.66	
	80 GLY C	-20.62	-24.91	79.64	
	80 GLY O	-19.56	-24.82		15.00
	81 ILE N	-21.64	-24.08	79.48	15.00
	81 ILE CA	-21.59	-22.95	78.57	15.00
	81 ILE CB	-22.30	-23.23	77.22	15.00
	81 ILE CG2	-23.77	-23.52	77.45	15.00
	81 ILE CG1	-22.10	-22.05	76.27	15.00
	81 ILE CD1	-22.84	-22.16	74.96	15.00
	81 ILE C	-22.24	-21.75	79.25	15.00
	81 ILE 0	-23.28	-21.89	79.90	15.00
	82 ASP N		-20.59		15.00
	82 ASP CA	-22.11	-19.37	79.71	15.00
	82 ASP CB	-21.03	-18.29	79.64	15.00
	82 ASP CG	-19.90	-18.53	80.58	15.00
	82 ASP OD1	-18.82	-17.98	80.34	15.00
	82 ASP OD2	-20.09	-19.26	81.58	15.00
	82 ASP C		-18.81		15.00
	82 ASP O	-23.69	-19.07	77.93	15.00
	83 SER N			79.89	15.00
	83 SER CA	-25.27	-17.36	79.44	15.00
	83 SER CB	-26.09	-16.90	80.64	15.00
	83 SER OG	-25.27	-16.23	81.59	15.00
	83 SER C	-24.75	-16.15	78.66	15.00
	83 SER O	-23.57	-15.79	78.79	15.00
	84 GLU N	-25.61	-15.54	77.86	15.00
	84 GLU CA	-25.25	-14.36	77.07	15.00
	84 GLU CB	-26.46	-13.84	76.31	15.00
	84 GLU CG	-26.17			15.00
	84 GLU CD				15.00
	84 GLU OE1	-24.08	-12.98	74.38	15.00
	84 GLU OE2				15.00
	84 GLU C	10 10 10 10 10 10 10 10 10 10 10 10 10 1			15.00
	84 GLU 0		-12.89		
	85 ASP N	-25.51			100
	85 ASP CA		-11.79		15.00
	85 ASP CB		-11.60		15.00
		-25.66			15.00
	85 ASP OD1				15.00
	85 ASP OD2				15.00
	85 ASP C	-23.72	-12.09	80.49	15.00

	85 ASP O	-22.91	-11.18	80.65	15.00
	86 ALA N	-23.45	-13.34		15.00
	86 ALA CA	-22.18	-13.67		15.00
•	86 ALA CB	-22.25	-15.05	82.03	15.00
· ·	86 ALA C	-21.01	-13.56	80.47	2 . 113
	86 ALA O	-19.91	-13.17	80.86	15.00
	87 TYR N	-21.26	-13.89	79.21	15.00
	87 TYR CA	-20.23	-13.85	78.18	15.00
	87 TYR CB	-19.77	-15.27	77.87	15.00
. •	87 TYR CG	-18.42	-15.39	77.19	15.00
	87 TYR CD1		-14.41	76.30	15.00
٠.	87 TYR CE1		-14.56	75.65	15.00
	87 TYR CD2	-17.62	-16.52	77.40	15.00
	87 TYR CE2	-16.40	-16.67	76.76	15.00
V :	87 TYR CZ	-15.96	-15.69	75.88	15.00
	87 TYR OH	-14.75	-15.83	75.25	15.00
	87 TYR C	-20.93	-13.23	76.97	15.00
	87 TYR O	-21.57	-13.94	76.19	15.00
	88 PRO N	-20.90	-11.90	76.86	15.00
	88 PRO CD	-20.42	-10.97	77.90	15.00
	88 PRO CA	-21.52	-11.15	75.78	15.00
· ·	88 PRO CB	-21.33	-9.70	76.23	15.00
	88 PRO CG	-21.34	-9.81	77.71	15.00
	88 PRO C	-20.91	-11.38	74.39	15.00
:	88 PRO O	-19.74	-11.74	74.25	15.00
7	89 TYR N	-21.73	-11.12	73.38	15.00
•	89 TYR CA	-21.35	-11.29	71.99	15.00
	89 TYR CB	-22.56	-11.78	71.18	15.00
٠.	89 TYR CG	-22.24	-12.15	69.76	15.00
141	89 TYR CD1	-21.38	-13.20	69.47	15.00
	89 TYR CE1	-21.06	-13.53	68.17	15.00
	89 TYR CD2		-11.44	68.70	15.00
•	89 TYR CE2	-22.47	-11.76	67.39	15.00
	89 TYR CZ	-21.61	-12.79	67.13	15.00
٠.	89 TYR OH	-21.27	-13.08	65.83	15.00
	89 TYR C		-9.95	71.48	15.00
		-21.52	-8.92	71.64	15.00
· ·	90 VAL N	-19.65		70.91	15.00
		-19.07	-8.71	70.39	15.00
	90 VAL CB	-17.75		71.12	15.00
	90 VAL CG1	-17.97		72.62	15.00
œ	90 VAL CG2	-16.65		70.74	15.00
	90 VAL C	-18.88	-8.78	68.87	15.00

	er i nga nga kababayar n		e a se a marine	
90 VAL O	-18.54	-7.78	68.23	15.00
91 GLY N	-19.08	-9.96	68.30	15.00
91 GLY CA	-18.95	-10.12	66.86	15.00
91 GLY C	-17.55	-10.23	66.27	15.00
91 GLY 0	-17.34	-9.87	65.12	15.00
92 GLN N	-16.61	-10.80	67.01	15.00
92 GLN CA	-15.24	-10.95	66.50	15.00
92 GLN CB	-14.56	-9.58	66.41	15.00
92 GLN CG	-14.68	-8.72	67.67	15.00
92 GLN CD	-13.59	-7.67	67.79	15.00
92 GLN OE1	-12.77	-7.72	68.72	15.00
92 GLN NE2	-13.56	-6.72	66.85	15.00
92 GLN C	-14.45	-11.86	67.43	15.00
92 GLN 0	-14.78	-11.97	68.62	15.00
93 GLU N	-13.43	-12.52	66.89	15.00
93 GLU CA	-12.64	-13.42	67.71	15.00
93 GLU CB	-11.68	-14.28	66.89	15.00
93 GLU CG	-12.31	-15.10	65.78	15.00
93 GLU CD	-11.63	-14.87	64.44	15.00
93 GLU OE1	-11.94	-15.61	63.48	15.00
93 GLU OE2	-10.78	-13.94	64.33	15.00
93 GLU C	-11.84	-12.62	68.71	15.00
93 GLU O	-11.41	-11.49	68.44	15.00
94 GLU N	-11.61	-13.26	69.85	15.00
94 GLU CA	-10.88	-12.70	70.98	15.00
94 GLU CB	-11.81	-11.81	71.79	15.00
94 GLU CG	-13.19	-12.42	71.93	15.00
94 GLU CD	-14.06	-11.70	72.92	15.00
94 GLU OE1	-13.99	-10.45	72.96	15.00
94 GLU OE2	-14.83	-12.38	73.64	15.00
94 GLU C	-10.52	-13.92	71.80	15.00
94 GLU O	-10.89	-15.02	71.45	15.00
95 SER N	-9.81	-13.73	72.91	15.00
95 SER CA	-9.43	-14.85	73.75	15.00
95 SER CB				
95 SER OG	-7.20	-13.94	73.98	15.00
95 SER C	-10.62	-15.42	74.52	15.00
	-11.48	-14.67		
96 CYS N	-10.69			15.00
96 CYS CA	-11.76			
96 CYS C			76.71	
96 CYS O	-10.73			15.00
96 CYS CB	-11.53	-18.97	75.20	15.00

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96 CYS SG	-12.62	-20.03	76.22	15.00
97 MET N	-12.85	-16.38		15.00
97 MET CA	-12.96	-15.85		
97 MET CB	-13.32	-14.36		15.00
97 MET CG	-12.29	-13.51	77.69	15.00
97 MET SD	-13.01	-11.98	77.03	15.00
97 MET CE	-14.07	-11.44	78.40	15.00
97 MET C	-14.03	-16.60	79.28	15.00
97 MET 0	-14.87	-15.99	79.96	15.00
98 TYR N	-13.98	-17.93	79.21	15.00
98 TYR CA	-14.96	-18.74	79.91	15.00
98 TYR CB	-14.69	-20.23	79.71	
98 TYR CG	-15.74	-21.10	80.34	15.00
98 TYR CD1	-17.08	-20.99	79.97	15.00
98 TYR CE1	-18.07	-21.74	80.59	15.00
98 TYR CD2	-15.41	-22.00		15.00
98 TYR CE2	-16.40	-22.76	81.98	15.00
98 TYR CZ	-17.72	-22.62	81.60	15.00
98 TYR OH	-18.70	-23.34	82.23	15.00
98 TYR C	-15.03	-18.43	81.39	15.00
98 TYR O	-14.01	-18.38	82.08	15.00
99 ASN N	-16.25	-18.27	81.88	15.00
99 ASN CA	-16.49	-17.97	83.28	15.00
99 ASN CB	-17.29	-16.66	83.38	15.00
99 ASN CG	-17.66	-16.33	84.80	15.00
99 ASN OD1	-16.88	-16.57	85.74	15.00
99 ASN ND2	-18.85	-15.79	84.99	15.00
99 ASN C	-17.28	-19.10	83.92	15.00
99 ASN O	-18.51	-19.16	83.78	15.00
100 PRO N	-16.60	-19.99	84.67	15.00
100 PRO CD	-15.22	-19.88	85.16	15.00
100 PRO CA	-17.29	-21.11	85.32	15.00
100 PRO CB	-16.20	-21.72	86.20	15.00
100 PRO CG	-15.31	-20.55	86.51	15.00
100 PRO C	-18.45	-20.63	86.16	15.00
100 PRO O	-19.51	-21.24	86.15	15.00
101 THR N	-18.28	-19.50	86.84	15.00
101 THR CA	-19.33	-18.95	87.68	15.00
101 THR CB	-18.86	-17.68	88.45	15.00
101 THR OG1	-18.71	-16.57	87.55	15.00
101 THR CG2	-17.51	-17.93		15.00
101 THR C	-20.55			15.00
101 THR O	-21.68	-18.56	87.32	15.00

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102 GLY N	-20.32	-18.34	85.54	15.00
102 GLY CA	-21.40	-17.98	84.64	15.00
102 GLY C	-22.06	-19.12	83.88	15.00
102 GLY O	-22.92	-18.86	83.03	15.00
103 LYS N	-21.65	-20.36	84.12	15.00
103 LYS CA	-22.24	-21.50	83.42	15.00
103 LYS CB	-21.72	-22.83	83.98	15.00
103 LYS CG	-22.32	-24.05	83.29	15.00
103 LYS CD	-22.10	-25.33	84.06	15.00
103 LYS CE	-22.96	-25.41	85.35	15.00
103 LYS NZ	-24.41	-25.79	85.14	15.00
103 LYS C	-23.75	-21.49	83.57	15.00
103 LYS 0	-24.26	-21.26	84.67	15.00
104 ALA N	-24.47	-21.73	82.48	15.00
104 ALA CA	-25.93	-21.75	82.53	15.00
104 ALA CB	-26.51	-20.51	81.87	15.00
104 ALA C	-26.52	-22.99	81.89	15.00
104 ALA O	-27.73	-23.15	81.87	15.00
105 ALA N	-25.66	-23.87	81.38	15.00
105 ALA CA	-26.11	-25.10	80.75	15.00
105 ALA CB	-26.84	-24.78	79.44	15.00
105 ALA C	-24.95	-26.03	80.46	15.00
105 ALA 0	-23.79	-25.67	80.62	15.00
106 LYS N	-25.28	-27.26	80.07	15.00
106 LYS CA	-24.29	-28.25	79.70	15.00
106 LYS CB	-23.55	-28.80	80.92	15.00
106 LYS CG	-24.41	-29.35	82.04	15.00
106 LYS CD	-23.54	-29.64	83.27	15.00
106 LYS CE	-22.40	-30.62	82.95	15.00
106 LYS NZ	-21.34	-30.67	84.03	15.00
106 LYS C	-24.99	-29.36	78.93	15.00
106 LYS 0		-29.30		15.00
107 CYS N	-24.23	-30.30	78.39	15.00
107 CYS CA	-24.82	-31.40	77.64	15.00
107 CYS CB	-25.06	-30.99	76.19	15.00
107 CYS SG	-23.58	-30.95	75.18	15.00
107 CYS C	-23.91	-32.61	77.68	15.00
107 CYS 0	-22.75	-32.49	78.06	-15:00
108 ARG N	-24.43	-33.77	77.32	15.00
TUS ARG CA	-23.64	-35.00	77.33	15.00
108 ARG CB	-24.12	-35.97	78.42	15.00
108 ARG CG			78.64	15.00
108 ARG CD	-26.27	-37.28	78.04	15.00
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		MANA TEN	-	Annual Control
108 ARG NE	-27.73	-37.21	78.14	15.00
108 ARG CZ	-28.57	-38.06	77.54	15.00
108 ARG NH1	-28.09	-39.05	76.80	15.00
108 ARG NH2	-29.88	-37.94	77.72	15.00
108 ARG C	-23.55	-35.70	75.97	15.00
108 ARG O	-23.77	-36.91	75.85	15.00
109 GLY N	-23.19	-34.93	74.94	15.00
109 GLY CA	-23.06	-35.50	73.61	15.00
109 GLY C	-24.08	-34.95	72.65	15.00
109 GLY 0	-24.81	-34.01	72.97	15.00
110 TYR N	-24.16	-35.57	71.48	15.00
110 TYR CA	-25.07	-35.16	70.42	15.00
110 TYR CB	-24.41	-34.09	69.55	15.00
110 TYR CG	-23.10	-34.53	68.92	15.00
110 TYR CD1	-21.91	-34.49	69.64	15.00
110 TYR CE1	-20.71	-34.90	69.08	15.00
110 TYR CD2	-23.06	-34.99	67.62	15.00
110 TYR CE2	-21.87	-35.41	67.04	15.00
110 TYR CZ	-20.70	-35.35	67.77	15.00
110 TYR OH	-19.52	-35.75	67.18	15.00
110 TYR C	-25.39	-36.37	69.57	15.00
110 TYR 0	-24.80	-37.44	69.77	15.00
111 ARG N	-26.29	-36.20	68.61	15.00
111 ARG CA	-26.69	-37.28	67.73	15.00
111 ARG CB	-27.96	-37.95	68.26	15.00
111 ARG CG	-27.84	-38.48	69.67	15.00
111 ARG CD	-29.18	-39.01	70.20	15.00
111 ARG NE	-29.77	-40.08	69.39	15.00
111 ARG CZ	-29.16	-41.20	69.02	15.00
111 ARG NH1	-29.81	-42.09	68.27	15.00
111 ARG NH2	-27.91	-41.45	69.40	15.00
111 ARG C	-26.98	-36.73	66.35	15.00
	-27.99			15.00
	-26.10			15.00
112 GLU CA	-26.32	-36.48	64.03	15.00
112 GLU CB	-25.09	-36.71	63.15	15.00
112 GLU CG	-23.91	-35.81	63.46	15.00
112 GLU CD				15.00
	-24.13			15.00
	-22.27	-35.41	61.77	15.00
112 GLU C	-27.50		63.45	15.00
112 GLU 0			63.76	15.00
113 ILE N	-28.29	-36.55	62.64	15.00

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113 ILE CA	-29.46	-37.15	62.02	15.00
	-30.51			
113 ILE CG2	-31.75	-36.60		15.00
113 ILE CG1	-30.92	-35.38		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
113 ILE CD1	-31.95			
113 ILE C	-28.95	THE RESERVE OF STREET	60.75	15.00
113 ILE 0	-27.93	-37.44	1 A 1 A 4 TO A 3 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5	- 32 MO (520) 34 MO (74)
114 PRO N			60.34	in a horasina in the city
114 PRO CD	-30.69	-39.67		1
114 PRO CA			59.14	177 12010 September 1
114 PRO CB			- 1.00 to 12 to 14.10 to 1	
114 PRO CG	and the second of the second of the second	A A	MANA PROGRESSING PROGRESS	15.00
114 PRO C	-29.04	-38.79	57.93	15.00
114 PRO 0			57.47	15.00
115 GLU N	-27.82	-38.75	57.41	15.00
115 GLU CA	-27.50	-37.92		15.00
	-26.12			15.00
115 GLU CG	-25.58	-37.36	54.68	15.00
115 GLU CD	-24.19	-37.76	54.22	15.00
115 GLU OE1	-23.20	-37.34	54.86	15.00
115 GLU OE2	-24.10	-38.51	53.22	15.00
115 GLU C	-28.52	-38.00	55.14	15.00
115 GLU 0	-28.72	-39.05	54.56	15.00
116 GLY N	-29.21	-36.89	54.90	15.00
116 GLY CA	-30.18	-36.81	53.83	15.00
116 GLY C	-31.55	5	54.07	15.00
116 GLY 0	-32.34	-37.53	53.14	15.00
		-37.73		
117 ASN CA				15.00
117 ASN CB				15.00
117 ASN CG				
117 ASN OD1		-39.75	56.98	15.00
117 ASN ND2	-34.04	-41.64	56.94	15.00
117 ASN C	-34.11	-37.34	56.30	15.00
	-34.16			
	-34.90			15.00
	-35.85			
	-36.67			
118 GLU CG				
	-36.80			
l18 GLU OE1				
118 GLU OE2				
L18 GLU C	-20.60	-30.20	<b>5/.U4</b>	15.00

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118 GLU O	-37.05	-35.54	58.04	15.00
119 LYS N	-37.34		56.81	
119 LYS CA	-38.28	-37.95		15.00
119 LYS CB		-39.24	57.21	
119 LYS CG	-39.46	-39.06	55.80	
119 LYS CD	-40.57	-38.01		
119 LYS CE		-38.49	56.49	15.00
119 LYS NZ		-37.55		15.00
119 LYS C	-37.66	-38.15	59.15	15.00
119 LYS 0	-38.29	-37.87	60.16	
120 ALA N	-36.39	-38.56	59.19	
120 ALA CA	-35.73	-38.76	60.48	15.00
120 ALA CB	-34.39	-39.43	60.30	
120 ALA C	-35.56	-37.41	61.15	15.00
120 ALA O	-35.40	-37.34	62.37	15.00
121 LEU N	-35.58	2. Sv. SVI N. 766 A.	60.34	15.00
121 LEU CA	Mary Service Commence of Service	-34.99	60.83	15.00
121 LEU CB	-35.03	-34.03	59.71	15.00
121 LEU CG		-32.51	59.96	15.00
121 LEU CD1	-33.98	-32.21	61.11	15.00
121 LEU CD2	-34.45		58.71	15.00
121 LEU C	-36.78		61.43	15.00
121 LEU 0	-36.80	-33.96	62.51	15.00
122 LYS N		-34.84	60.76	15.00
122 LYS CA		-34.44	61.28	15.00
122 LYS CB	-40.34	-34.86		15.00
122 LYS CG		-34.49	CARL VALUE OF SECTION	15.00
	-42.90	Art. 2017 J. M. 979	N N / N / N / N / N / N / N / N / N / N	15.00
122 LYS CE	A TOTAL CONTRACT CONT	-36.19	59.84	15.00
122 LYS NZ			59.07	4
122 LYS C 122 LYS O	-39.43	70.5 (Fig. 1) (1) (1) (1) (1)	62.67	15.00
122 LYS 0 123 ARG N	-40.00	-34.38	63.54	15.00
123 ARG N	-39.02	-36.28	62.85	15.00
123 ARG CA 123 ARG CB	-39.18	-36.96	64.12	15.00
123 ARG CB	-38.90	-38.45	63.95	15.00
123 ARG CG	-40.04	-39.22	63.30	15.00
123 ARG CD 123 ARG NE	-39.53	-40.52	62.67	15.00
123 ARC 07	-38.42 -37.46	-41.08	63.44	15.00
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	-41.00	02.92	12.00
123 ARG NH1	-3/.4/ 36 AF	-42.16	61.62	15.00
123 ARG NH2 123 ARG C	-30.45	-42.23	63.68	15.00
123 ARG C	-38.24	-36.34	65.14	15.00
TES AND U	-38.65	-36.04	66.25	15.00

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	124 ALA N	-36.99	-36.12	64.76	15.00
	124 ALA CA	-36.05	-35.51	65.68	15.00
are die. Operatie	124 ALA CB				15.00
	124 ALA C	-36.60	-34.17		
	124 ALA 0				
	125 VAL N	-37.14	-33.34		15.00
	125 VAL CA	-37.68	-32.06		
	125 VAL CB	<ul> <li>XY + CO Select C 10.73</li> </ul>	-31.03		
	125 VAL CG1				
	125 VAL CG2		-31.72		
	125 VAL C		-32.28		
	125 VAL 0		-31.52		
	126 ALA N	and the second of the second o	-33.32		
	126 ALA CA	With the second second second	-33.60		
	126 ALA CB		-34.52		
	126 ALA C		-34.16	31	15.00
	126 ALA O	. 1,000,000,000,000,000,000,000	-33.84		
	127 ARG N		-35.00		
	127 ARG CA		-35.68		
	127 ARG CB	established about a set a Material Control	-37.14		550
	127 ARG CG	6a, Maker 2000, a 1.66 (1806, 1806)	-37.95		
	127 ARG CD	900 100 100 654 105	-39.23		
	127 ARG NE			67.60	
	127 ARG CZ	-40.95		66.83	
	127 ARG NH1	-42.09	-41.30		
	127 ARG NH2	-39.84	545 d 4.1. 6 15 1	66.63	- 5 × 5 × 1
	127 ARG C	[5] A.C. M. A. C. M. A.C. M. M. C. C.	-35.04	70.66	
	127 ARG 0	the state of the s	-35.30		15.00
	128 VAL N				15.00
dis.le	128 VAL CA	There is a reserved to the first	-33.54		
	128 VAL CB	-35.03	-33.81	70.10	15.00
	128 VAL CG1	-33.92	-33.34	71.02	15.00
	128 VAL CG2	-34.87	-35.29	69.78	15.00
	128 VAL C	-36.58	-32.02	70.88	15.00
	128 VAL 0	-36.43	-31.46	71.95	15.00
	129 GLY N	-36.89	-31.35	69.77	15.00
affordi. Fores	129 GLY CA	-37.08	-29.91	69.81	15.00
	129 GLY C	-36.26	-29.29	68.69	15.00
	129 GLY 0	-36.02	-29.96	67.68	15.00
	130 PRO N	-35.83	-28.02	68.81	15.00
	130 PRO CD	-36.20	-27.06	69.86	15.00
	130 PRO CA	-35.04	-27.37	67.77	15.00
A t	130 PRO CB	-34.67	-26.05	68.43	15.00

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130 PRO CG	-35.92	-25.74	69.18	15.00
130 PRO C	-33.81	-28.17	67.39	15.00
130 PRO O	-33.07	-28.64	68.26	15.00
131 VAL N	-33.60	-28.33		15.00
131 VAL CA	-32.46	-29.08	65.58	15.00
131 VAL CB	-32.94	-30.26		15.00
131 VAL CG1	-31.76	-31.03	64.14	15.00
131 VAL CG2	-33.82	-31.20		
131 VAL C	-31.50	-28.20	64.77	15.00
131 VAL 0	-31.93	-27.35	63.99	15.00
132 SER N	-30.20	-28.39	64.96	15.00
132 SER CA	-29.23	-27.61	64.22	15.00
132 SER CB	-27.88	-27.61	64.94	15.00
132 SER OG	-28.00	-26.96	66.20	
132 SER C	-29.08	-28.21	62.82	15.00
132 SER 0	-28.83	-29.41	62.68	15.00
133 VAL N	-29.31	-27.39	61.80	15.00
133 VAL CA	-29.22	-27.82	60.40	15.00
133 VAL CB	-30.60	-27.81	59.68	15.00
133 VAL CG1	-31.51	-28.90	60.23	15.00
133 VAL CG2	-31.27	-26.45	59.80	15.00
133 VAL C	-28.26	-26.93	59.62	15.00
133 VAL 0	-27.88	-25.85	60.08	15.00
134 ALA N	-27.93	-27.36	58.41	15.00
134 ALA CA	-27.02	-26.64	57.54	15.00
134 ALA CB	-25.69	-27.35	57.48	15.00
134 ALA C	-27.64	-26.61	56.16	15.00
134 ALA O	-27.92	-27.66	55.60	15.00
135 ILE N	-27.84	-25.43	55.60	15.00
135 ILE CA	-28.45	-25.31	54.28	15.00
135 ILE CB	-29.84	-24.62	54.36	15.00
135 ILE CG2	-30.82	-25.47	55.15	15.00
L35 ILE CG1	29.70	-23.24	55.00	15.00
135 ILE CD1	-30.95	-22.42	54.97	15.00
L35 ILE C	-27.59	-24.49	53.32	15.00
raa TPE O	-26.49	-24.04	53.66	15.00
LJ6 ASP N	-28.09	-24.33	52.10	15.00
36 ASP CA	-27.45	-23.52	51.07	15.00
DO WELCE	-27.50	-24.23	49.72	15.00
36 ASP CG	-27.09	-23.32	48.57	15.00
36 ASP OD1	-27.71	-23.40	47.49	15.00
36 ASP OD2	-26.15	-22.50	48.73	15.00
36 ASP C	-28.22	-22.21	50.99	15.00

136 ASP 0	-29.36	-22.17	50.52	15.00
137 ALA N	-27.61	-21.13	51.46	15.00
137 ALA CA	-28.26	-19.83	51.42	15.00
137 ALA CB	-28.42	-19.30	52.83	15.00
137 ALA C	-27.46	-18.84	50.56	15.00
137 ALA 0	-27.34	-17.66	50.89	15.00
138 SER N	-26.92	-19.34	49.45	
138 SER CA	-26.12	-18.53	48.53	15.00
138 SER CB	-25.09	-19.42	47.83	15.00
138 SER OG	-25.71	-20.52	47.19	15.00
138 SER C	-26.97	-17.80	47.49	15.00
138 SER 0	-26.60	-16.72	47.01	15.00
139 LEU N	-28.12	-18.36	47.17	15.00
139 LEU CA	-29.02	-17.79	46.19	15.00
139 LEU CB	-30.07	-18.84	45.80	15.00
139 LEU CG	-29.49	-20.25	45.62	15.00
139 LEU CD1	-30.58	-21.21	45.21	15.00
139 LEU CD2	-28.37	-20.28	44.61	15.00
139 LEU C	-29.70	-16.52	46.70	15.00
139 LEU 0	-30.06	-16.43		15.00
140 THR N	-29.90	-15.54	45.81	15.00
140 THR CA	-30.54	-14.29	46.18	15.00
140 THR CB	-30.46	-13.21	45.07	15.00
140 THR OG1	-30.85	-13.77	43.82	15.00
140 THR CG2	-29.05	-12.66	44.96	15.00
140 THR C	-32.00	-14.49	46.57	15.00
140 THR O	-32.50	-13.79	47.45	15.00
141 SER N	-32.68	-15.45	45.95	15.00
141 SER CA	-34.08	-15.70	46.30	15.00
141 SER CB	-34.66	-16.86	45.50	15.00
141 SER OG	-33.72	-17.92	45.39	15.00
141 SER C 141 SER O	-34.19	-15.94	47.79	15.00
141 SER 0	-35.04	-15.37	48.46	15.00
142 PHE N	-33.27	-16.72	48.33	15.00
142 PHE CA 142 PHE CB	-33.28	-17.01	49.76	15.00
142 PHE CB	-32.21	-18.05	50.11	15.00
142 PHE CG	-32.17	-18.41	51.57	15.00
142 PHE CD1	-32.97	-19.43	52.08	15.00
142 PHE CD2	-31.34	-17.72	52.45	15.00
142 PHE CE1	-32.94	-19.75	53.43	15.00
142 PHE CE2	-31.31	-18.04	53.80	15.00
142 PHE CZ	-32.11			
142 PHE C	-33.01	-15.75	50.54	15.00

142 PHE 0	-33.69			15.00
143 GLN N	-32.01	-15.00	50.09	15.00
143 GLN CA	-31.61		50.78	15.00
143 GLN CB	-30.30	-13.26	50.21	15.00
143 GLN CG	-29.18	-14.29	50.23	15.00
143 GLN CD	-27.85		49.81	15.00
143 GLN 0E1	-27.29	-12.84	50.48	15.00
143 GLN NE2	-27.31	-14.22	48.70	
143 GLN C	-32.67	-12.70	50.84	15.00
143 GLN 0	-32.79	-12.04	51.86	15.00
144 PHE N	-33.45	-12.51	49.78	15.00
144 PHE CA	-34.50	-11.48	49.83	15.00
144 PHE CB	-34.57	-10.60	48.55	15.00
144 PHE CG	-34.78	-11.35	47.27	15.00
144 PHE CD1	-33.92	-11.14	46.19	15.00
144 PHE CD2	-35.84	-12.24	47.12	15.00
144 PHE CE1	-34.11	-11.81	44.99	15.00
144 PHE CE2	-36.04	-12.92	45.91	15.00
144 PHE CZ	-35.18	-12.71	44.85	15.00
144 PHE C	-35.88	-12.04	50.20	15.00
144 PHE 0	-36.90	-11.36	50.02	15.00
145 TYR N	-35.89	-13.28	50.71	15.00
145 TYR CA	-37.12	-13.95	51.12	15.00
145 TYR CB	-36.80	-15.21	51.94	15.00
145 TYR CG	-37.98	-15.77	52.70	15.00
145 TYR CD1	-38.84	-16.69	52.12	15.00
145 TYR CE1	-39.96	-17.15	52.80	15.00
145 TYR CD2	-38.27	-15.32	53.99	15.00
145 TYR CE2	-39.40	-15.78	54.67	15.00
145 TYR CZ	-40.24	-16.69	54.07	15.00
145 TYR OH	-41.38	-17.11	54.73	15.00
145 TYR C	-37.90	-12.98	51.97	15.00
145 TYR O	-37.32	-12.24	52.74	15.00
146 SER N	-39.21	-13.02	51.84	15.00
TAO DIW CV	-40.07	-12.13	52.59	15.00
146 SER CB	-40.63	-11.07	51.63	15.00
146 SER OG	-41.38	-10.08	52.30	15.00
146 SER C	-41.21	-12.89	53.24	15.00
146 SER O	-41.48	-12.72	54.43	15.00
14/ LYS N	-41.86	-13.77	52.48	15.00
14/LYS CA	-42.98	-14.54	53.01	15.00
147 LYS CB	-44.25	-13.71	53.04	15.00
147 LYS CG	-44.62	-13.11	51.70	15.00

## TARLE VI

147 LYS CD	-46.07	-12.67	51.68	15.00
147 LYS CE	-46.47	-12.13	50.31	15.00
147 LYS NZ	-47.97	-12.11	50.14	15.00
147 LYS C	-43.21	-15.79	52.19	15.00
147 LYS 0	-42.55	-16.01	51.17	15.00
148 GLY N	-44.16	-16.61	52.64	15.00
148 GLY CA	-44.49	-17.85	51.95	15.00
148 GLY C	-43.47	-18.95	52.16	15.00
148 GLY 0	-42.52		52.93	15.00
149 VAL N	-43.64	-20.04	51.43	15.00
149 VAL CA	-42.75	-21.19	51.52	15.00
149 VAL CB	-43.57	-22.51	51.47	15.00
149 VAL CG1	-42.66	-23.71	51.33	15.00
149 VAL CG2	-44.41	-22.65	52.72	15.00
149 VAL C	-41.67	-21.17	50.43	15.00
149 VAL 0	-41.96	-21.34	49.24	15.00
150 TYR N	-40.43	-20.96	50.84	15.00
150 TYR CA	-39.30	-20.91	49.91	15.00
150 TYR CB	-38.04	-20.41	50.64	15.00
150 TYR CG	-36.82	-20.29	49.75	15.00
150 TYR CD1	-36.78	-19.38	48.69	15.00
150 TYR CE1	-35.67	-19.27	47.88	15.00
150 TYR CD2	-35.69	-21.07	49.97	15.00
150 TYR CE2	-34.56	-20.96	49.16	15.00
150 TYR CZ	-34.56	-20.06	48.11	15.00
150 TYR OH	-33.45	-19.93	47.32	15.00
150 TYR C	-39.03	-22.26	49.27	15.00
150 TYR O	-39.23	-23.31	49.88	15.00
151 TYR N	-38.55	-22.22	48.03	15.00
151 TYR CA	-38.21	-23.42	47.28	15.00
151 TYR CB	-39.45	-24.26	46.99	15.00
151 TYR CG	-39.15	-25.46	46.11	15.00
151 TYR CD1	-38.22	-26.42	46.51	15.00
151 TYR CE1	-37.94	-27.53	45.71	15.00
151 TYR CD2	-39.79	-25.63	44.89	15.00
151 TYR CE2				
151 TYR CZ	-38.59	-27.69	44.50	15.00
151 TYR OH	-38.36	-28.83	43.75	15.00
151 TYR C	-37.60	-23.00	45.97	15.00
151 TYR O				
152 ASP N	-36.31	-23.25	45.80	15.00
152 ASP CA	-35.66	-22.90	44.55	15.00
152 ASP CB	-34.74	-21.69	44.71	15.00

### TARIF VI

	The second second			
152 ASP CG	-34.02	-21.34	43.43	15.00
152 ASP OD1	-34.60	-21.55	42.34	
152 ASP OD2	-32.87	-20.86		15.00
152 ASP C	-34.87	-24.07		
152 ASP 0	-33.84	-24.43	44.56	
153 GLU N		-24.60		2 20
153 GLU CA	-34.70			
153 GLU CB	-35.49	-26.18	마다 아무리 아들이다.	15.00
153 GLU CG	-35.79		40.01	15.00
153 GLU CD	-37.17	-24.43	40.19	15.00
153 GLU OE1	-38.12			
153 GLU OE2		-23.50	41.02	
153 GLU C		-25.56		15.00
153 GLU 0	15 1 16 1	garan karantaga kathway k	41.44	15.00
154 SER N	-32.66	-24.37		15.00
			41.82	
154 SER CB		-22.70	41.29	
154 SER OG		-22.32		15.00
	-30.40			15.00
	-29.17			
155 CYS N				* . * * * * * * * * * * * * * * * * * *
155 CYS CA				e Art, and Jawa 75 at
	-29,57			15.00
155 CYS 0	-30.00		44.82	15.00
	-31.44			15.00
	-30.90			
156 ASN N	-28.36			15.00
156 ASN CA		-27.01		
156 ASN CB		-26.59		15.00
156 ASN CG	-25.28			15.00
	-25.73		44.88	15.00
156 ASN ND2	-23.99	-27.49	44 73	15 00
156 ASN C	-27.20	-27.67	47.23	15 00
156 ASN 0	-26.43	-27.16	48.05	15.00
157 SER N	-27.79	-28.85	47 41	15.00
157 SER CA	-27.67	-29.64	48 62	15 00
157 SER CB	-28.48	-30.92	48.45	15 00
157 SER OG	-29.83	-30:63	48.13	15.00
157 SER C	-26.24	-30.00	49 04	15.00
2 A	-26.01			
			50.19 48.10	15.00
	-23.89			
158 ASP CB	-23.21	-30.69	47.07	15.00
	144 6 6 6 6 6	CONTRACTOR OF MANAGEMENT	F	

158 ASP CG	-23.72	-32.01	46.57	15.00
158 ASP OD1		-32.15	46.33	
158 ASP OD2	-22.86	-32.91	46.38	15.00
158 ASP C	-23.14	-29.02	48.87	15.00
158 ASP 0	-22.11	-29.15	49.53	15.00
159 ASN N	-23.62	-27.84	48.51	15.00
159 ASN CA	-22.98	-26.62	48.94	15.00
159 ASN CB	-23.10	-25.57	47.84	15.00
159 ASN CG	-22.14	-24.40	48.03	15.00
159 ASN OD1	-21.43	-24.30	49.04	15.00
159 ASN ND2	-22.10	-23.51	47.04	15.00
159 ASN C	-23.68	-26.14	50.20	15.00
159 ASN 0	-24.63	-25.37	50.12	15.00
160 LEU N	-23.25	-26.64	51.36	
160 LEU CA	-23.84	-26.23	52.63	
160 LEU CB	-23.88	-27.42		15.00
160 LEU CG	-24.59	-28.72	53.22	
160 LEU CD1	-24.45	-29.70	54.37	15.00
160 LEU CD2	-26.06	-28.49	52.89	15.00
160 LEU C	-22.98	-25.11	53.22	15.00
160 LEU 0	-21.91		53.78	15.00
161 ASN N	-23.47	-23.89	53.16	15.00
161 ASN CA	-22.70	-22.75	53.65	15.00
161 ASN CB	-22.58	-21.73	52.53	15.00
161 ASN CG	-23.89	-21.51	51.84	1 14614
161 ASN OD1	-24.74	-20.76	52.33	15.00
161 ASN ND2	-24.10	-22.23	15.797 (2.25.45 WALA	15.00
161 ASN C	-23.23	-22.05	54.89	15.00
161 ASN 0	-22.45	-21.62	55.73	15.00
162 HIS N	-24.54	-21.93	TO MENT AND THE	15.00
162 HIS CA	a di ilia di di di	-21.27	7 886 BOOK 197 BOOK	15.00
162 HIS CB				
162 HIS CG		-19.22	56.67	15.00
162 HTS CD2	-27 72	_10 61	EC 02	15 00
162 HIS ND1 162 HIS CE1	-25.63	-18.66	57.53	15.00
162 HIS CE1	-26.22	-17.74	58.27	15.00
162 HIS NE2	-27.49	-17.69	57.93	15.00
162 HIS C	-25.76	-22.27	57.12	15.00
162 HIS O	-26.47	-23.19	56.69	15.00
163 ALA N	-25.47	-22.12	58.41	15.00
163 ALA CA	-26.01	-23.00	59.45	15.00
163 ALA CB	-24.93	-23.33	60.47	15.00
L63 ALA C	-27.15	-22.28	60.13	15.00

163 ALA O		-21.13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
164 VAL N	-28.30	-22.94	60.24	15.00
164 VAL CA	-29.48	-22.34	60.86	15.00
164 VAL CB	3 N.S. 2003, N.S. W. W. 1997, Physical Lett.	-21.99		15.00
164 VAL CG1	8. – I Party Slavin, na kalijam	-20.79	58.99	15.00
164 VAL CG2	-30.75	-23.16	58.86	
164 VAL C	-30.05	CONTRACT A CONTRACT	61.91	15.00
164 VAL 0	-29.37	-24.21	62.33	15.00
165 LEU N		-23.07	62.30	15.00
165 LEU CA	-31.97	-23.88	63.33	15.00
165 LEU CB	-32.00	-23.11	64.64	15.00
165 LEU CG	-32.59	-23.77	65.88	15.00
165 LEU CD1	-31.53	-24.65	66.49	15.00
165 LEU CD2	-33.04	-22.71	*** * * * * * * * * * * * * * * * * * *	15.00
165 LEU C	-33.40	-24.17	and the second	15.00
165 LEU 0	-34.16	-23.24	62.72	15.00
166 ALA N	-33.79	-25.44	62.92	15.00
166 ALA CA	-35.15	-25.82	62.56	15.00
166 ALA CB	-35.16	-27.19	61.92	15.00
166 ALA C	-36.03	-25.80	63.80	
166 ALA O	-35.93	-26.66	64.66	15.00
167 VAL N	-36.89	-24.80	63.88	15.00
167 VAL CA	-37.79	-24.62	65.01	15.00
167 VAL CB	-38.11	-23.11	65.18	15.00
167 VAL CG1	-39.35	-22.88	66.00	15.00
167 VAL CG2	-36.94	-22.42	65.84	15.00
167 VAL C	-39.06	-25.46	64.92	15.00
167 VAL O	-39.83	-25.56	65.87	15.00
168 GLY N	-39.28	-26.10	63.78	15.00
168 GLY CA	-40.48	-26.91	63.65	15.00
168 GLY C	-40.77		62.23	15.00
168 GLY O	-39.85	-27.36	61.41	15.00
169 TYR N	-42.04	-27.55	61.95	15.00
169 TYR CA	-42.50	-27.93	60.62	15.00
169 TYR CB	-42.09	-29.38	60.30	15.00
169 TYR CG	-42.61	-30.41	61.28	15.00
169 TYR CD1	-43.94	-30.82	61.25	15.00
169 TYR CE1	-44.42	-31.76	62.13	15.00
169 TYR CD2	-41.77	-30.98	62.23	15.00
169 TYR CE2	-42.24	-31.93	63.13	15.00
169 TYR CZ	-43.57	-32.31	63.07	15.00
169 TYR OH	-44.04	-33.26	63.95	15.00
169 TYR C	-44.02	-27.78	60.54	15.00

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169 TYR O	-44.70	-27.74	61.57	15.00
	-44.55		59.33	
170 GLY CA	-45.98	-27.55	59.16	
170 GLY C		-27.49		
170 GLY 0	-45.69	-27.89	56.82	
171 ILE N	-47.61	-26.95	57.49	15.00
171 ILE CA	-48.20	-26.83	56.16	4.3.3
171 ILE CB	-49.51	-27.69	A 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
171 ILE CG2	-50.16			
171 ILE CG1	-49.20	-29.18	56.27	1 a 1.1
171 ILE CD1	-48.97	. 20.62 - 9 60 .000	57.73	
171 ILE C	-48.55	100 May 110 Ma		15.00
171 ILE 0		-24.55		1.000.0
172 GLN N		-25.00	Section 1985 April 1985	15.00
172 GLN CA	-49.10	and the section of	54.25	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
172 GLN CB	-47.90	CO. 1 C. A. W. L. 1997		
172 GLN CG	-47.16		54.69	15.00
172 GLN CD				
172 GLN 0E1		and the contract of the contra	54.49	15.00
172 GLN NE2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55.47	15.00
172 GLN C		-23.71		15.00
172 GLN 0	-51.31		53.55	
173 LYS N	-50.05	プロースト とうしゅうがん タ	52.05	
173 LYS CA	-51.11			15.00
173 LYS CB	-51.04	The first production of the	50.08	15.00
173 LYS CG	-51.15	waa isoo ahaa ii ii waxa	50.77	15.00
173 LYS CD	-50.94	AND THE PROPERTY OF	· A. A. C. A	
173 LYS CE	-50.57	CO LONG LOLANG G. MAG	50.50	Control of the Control
173 LYS NZ		-18.39	***	
173 LYS C	<ul> <li>1. 11 • Or 2 (4.1 1995 § 2) — 4</li> </ul>	-24.55	50.34	
173 LYS 0	-50.33	211926 2 1 1 10.15.24 2	49.21	15.00
174 GLY N	-51.02		51.08	
	-50.77			
	-49.30			
174 GLY 0	-48.95			
175 ASN N	-48.44	-26.35	50.92	15.00
175 ASN CA	-47.00	-26.60	50.98	15.00
175 ASN CB	-46.20	-25.39	50.47	15.00
175 ASN CG	-46.70	-24.86	49.14	15.00
175 ASN OD1	-47.33	-23.79	49.08	15.00
175 ASN ND2	-46.41	-25.58	48.06	15.00
175 ASN C	-46.49	-26.95	52.38	15.00
175 ASN 0	-46.66	-26.16	53.33	15.00

176 LYS N	-45.90	-28.13	52.53	15.00
176 LYS CA	-45.33	-28.50	53.82	15.00
176 LYS CB		-29.98	53.84	15.00
176 LYS CG			53.63	
176 LYS CD	-45.67	-32.36	53.98	15.00
176 LYS CE		-33.40	53.61	15.00
176 LYS NZ	and the second of the second	3	52.34	
176 LYS C		-27.63		
176 LYS 0	-43.52	-27.21	52.92	15.00
177 HIS N	\$74-120 + 111 + + + 50 + 1.5		55.16	15.00
177 HIS CA	ag in propriate a construction of	-26.52		15.00
177 HIS CB	n - Jansey Stille in eightein is	-25.05	55.23	15.00
177 HIS CG		-24.59	56.35	15.00
177 HIS CD2			57.61	15.00
177 HIS ND1	-45.09	-24.52	56.26	15.00
177 HIS CE1			57.40	15.00
177 HIS NE2			58.24	15.00
177 HIS C	-41.74		56.67	15.00
177 HIS O	-42.32		57.62	15.00
178 TRP N	<ul> <li>A. A. D. 1982 F. L. D.</li> </ul>	-26.28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
178 TRP CA	(4) 137 (4) 2 2 2 3 10 2 3 4 5 4 5 1	-26.34	57.91	15.00
178 TRP CB		-26.82	57.54	15.00
178 TRP CG	-38.16	markan kanada da ka	57.08	15.00
178 TRP CD2	27 (\$4899 PA) 18 (\$61 F)	-29.41	57.88	15.00
178 TRP CE2	-38.08	-30.51	57.03	15.00
178 TRP CE3	1. C. S. C. S. L.		59.24	15.00
178 TRP CD1	-37.92			15.00
178 TRP NE1 178 TRP CZ2	MARKET AND A STATE OF THE PARK		55.77	15.00
178 TRP CZ2 178 TRP CZ3		-31.83	57.48	15.00
178 TRP CH2		-30.95	O - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	15.00
	-38.37	-32.03	58.83	15.00
178 TRP C 178 TRP O	-39.33 -30.15	-24.91	58.39	15.00
179 TLP N	_39.13	74.U4	57.61	15.00
L79 ILE N	-39.79	-24.03	59.63	15.00
179 ILE CA 179 ILE CB	-40 65	-23.20 -23.00	61.16	15.00
79 ILE CG2	-40.61	-23.03 -21 64	61.42	15.00
179 ILE CG2 179 ILE CG1	-42 09	-23 52	61 15	15.00
79 ILE CD1	-42 97	-23 AE	62 20	15.00
79 ILE C	-38.32	-23 NA	60 52	15.00
79 ILE O			60.52	15 00
80 ILE N	-37.67	-22 16	59 72	15.00
80 ILE CA	-36.27	-21.87	60 01	15.00
			~ ~ . ~ _	UU

		1.25	Arrest Colors	
180 ILE CB	-35.46	-22.00	58.70	15.00
180 ILE CG2	-34.01	-21.64	58.91	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
180 ILE CG1	-35.57	-23.42	58.16	
180 ILE CD1	-34.96	-24.46	59.08	
180 ILE C		-20.52		****
180 ILE 0	-36.70	-19.53		— 2 (4.75) (2.75)
181 LYS N		-20.53		15.00
181 LYS CA	-34.60	-19.36	62.34	
181 LYS CB	-34.59	-19.69		10. 45 B. 环氧银铁矿
181 LYS CG	-34.02			an 1997 (1997), 1997 (1997), 1997 (1997)
181 LYS CD			66.14	NASSE POLY NO TRANSPORT ON
181 LYS CE			67.01	15.00
181 LYS NZ	-33.52	-18.17		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
181 LYS C	-33.19	-19.02	61.91	- 1991 AT 1995 VI
181 LYS 0	-32.28	-19.85	62.04	11 4 7 26 7 7 7
182 ASN N	-33.00	na na an Liliu (1866) an an Tillian.	61.37	er was all the said
182 ASN CA	-31.68			15.00
182 ASN CB			and the Artist of the State of	that a ball of the state of the
182 ASN CG	<ul> <li>1 1.6 30 30 30 50 5 10 10 10 10 10</li> </ul>	-16.80		15.00
182 ASN OD1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-16.99	59.44	15.00
182 ASN ND2	-30.48	-16.62	57.51	15.00
182 ASN C	-31.10	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	61.92	15.00
182 ASN 0	-31.81	and the state of t	62.79	15.00
183 SER N	-29.81	-16.14	61.82	15.00
183 SER CA	-29.19	-15.20	62.74	15.00
183 SER CB	-27.97	-15.85	63.38	15.00
183 SER OG	-27.30	-16.66	62.44	15.00
183 SER C	-28.79	-13.90	62.04	15.00
183 SER O	-27.68	-13.40	62.23	15.00
184 TRP N		-13.34	61.25	15.00
184 TRP CA			60.52	15.00
184 TRP CB	-29.77	-12.29	59.03	15.00
184 TRP CG	-28.79	-13.14	58.29	15.00
184 TRP CD2	-28.97	-13.73	57.01	15.00
184 TRP CE2	-27.80	-14.45	56.71	15.00
184 TRP CE3	-30.01	-13.74	56.08	15.00
184 TRP CD1	-27.55	-13.50	58.71	15.00
184 TRP NE1			57.77	15.00
184 TRP CZ2	-27.64	-15.17	55.52	15.00
184 TRP CZ3	-29.85	-14.46	54.90	15.00
184 TRP CH2	-28.67	-15.16	54.63	15.00
184 TRP C	-30.23	-10.93	61.07	15.00
184 TRP O	-30.32	-9.88	60.43	15.00

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はいが 巻 一番巻 ニュー・ディー	The state of the s	CONTRACTOR OF THE SECOND		
185 GLY N	-30.78	-11.07	62.27	15.00
185 GLY CA	-31.54	-9.98	a trade to the contract of	15.00
185 GLY C	-33.02	-10.16		
185 GLY O	-33.46	-11.00	61.84	15.00
186 GLU N	-33.80	-9.35	63.33	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
186 GLU CA		-9.39	63.27	
186 GLU CB			64.53	Off 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
186 GLU CG		1000 000 000 00 00 to the control of	64.70	25 54 C
186 GLU CD			66.04	15.00
186 GLU OE1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PATE TATAL SECTION AND ALL SECTION	66.83	15.00
186 GLU OE2	- 1 1 - 4 3 47 400		66.31	15.00
186 GLU C	· · · · · · · · · · · · · · · · · · ·		62.03	15.00
186 GLU O	-36.89	hite ou histories estaciti della	61.64	15.00
187 ASN N	· "我,我有自己的 A 2011年的最级。"	-8.02	61.36	15.00
187 ASN CA	-35.02		60.18	15.00
187 ASN CB			60.25	15.00
187 ASN CG	-34.42	-4.86	59.37	15.00
187 ASN OD1		-4.33	58.64	15.00
187 ASN ND2	-35.67		59.48	15.00
187 ASN C	-34.86	-7.97	58.86	
187 ASN 0	-34.92		57.80	
188 TRP N	7 - 77 - 200 D. C. C. C.	9873-815-817032033311 - 274	58.92	15.00
188 TRP CA 188 TRP CB	-34.47	-10.08	57.70	15.00
188 TRP CG	-33.20	-10.94	57.77	15.00
188 TRP CD2	-33.05 -33.41	-11.85	56.60	15.00
188 TRP CE2	-33.18	-13.23	56.52	- Main ta ai -∞ -
188 TRP CE3		-13.66	55.20	15.00
188 TRP CD1	-32.61		57.45	15.00
188 TRP NE1	THE WAR THE STORY WINDOW	-11.50 -12.58	55.36	15.00
188 TRP CZ2		-14.36 -14.06	54.51	
188 TRP CZ3	-34.18		54.76	15.00
188 TRP CH2	-33.94	-15 85	55 60	15.00
188 TRP C	-35.66	-11 00	57.51	15.00
188 TRP 0	-36.23	-11 48	58 49	15.00
189 GLY N	-36.02	-11.29	56 27	15.00
189 GLY CA	-37.14	-12.17	56.00	15 00
189 GLY C	-38.37	-11.86	56.84	15 00
189 GLY O	-38.37 -38.70	-10.69	57.08	15 00
190 ASN N	-39.02		57.32	
190 ASN CA	-40.22		58.13	
190 ASN CB	-41.13		57.93	
190 ASN CG	-42.58		58.32	15.00

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				Carte de la companya
190 ASN OD1	-42.87	-13.07	59.31	15.00
190 ASN ND2	-43.50	-14.27	57.53	15.00
190 ASN C	-39.86	-12.63	59.61	15.00
190 ASN 0	-39.81	-13.61	60.35	15.00
191 LYS N	-39.55	-11.41	60.02	15.00
191 LYS CA	-39.19	-11.14	61.41	15.00
191 LYS CB	-40.43	-11.19	62.29	15.00
191 LYS CG	-41.44	-10.10	61.96	15.00
191 LYS CD	-40.92	-8.71	62.35	15.00
191 LYS CE	-41.18	-7.63	61.27	15.00
191 LYS NZ	-40.19	-7.69	60.13	15.00
191 LYS C	-38.10	-12.07	61.94	15.00
191 LYS 0	-38.11	-12.46	63.11	15.00
192 GLY N	-37.15	-12.41	61.07	15.00
192 GLY CA	-36.04	-13.26	61.47	Control of the Contro
192 GLY C	-36.15	-14.73	61.13	15.00
192 GLY 0	-35.19	-15.48	61.32	15.00
193 TYR N	-37.30	-15.16	60.63	15.00
193 TYR CA	-37.50	-16.56	60.28	15.00
193 TYR CB	-38.69	-17.14	61.04	15.00
193 TYR CG	-38.47	-17.29	62.51	15.00
193 TYR CD1	-38.57	-16.19	63.36	15.00
193 TYR CE1	-38.34	-16.32	64.72	15.00
193 TYR CD2	-38.13	-18.51	63.06	15.00
193 TYR CE2	-37.91	-18.65	64.42	15.00
193 TYR CZ	-38.01	-17.55	65.24	15.00
193 TYR OH	-37.78	-17.71	66.59	15.00
193 TYR C	-37.76	-16.73	58.80	15.00
193 TYR 0	-37.97	-15.76	58.08	15.00
194 ILE N	-37.78	-17.99	58.37	15.00
194 ILE CA		-18.32	56.99	15.00
194 ILE CB	-36.75	-18.27	56.13	15.00
194 ILE CG2	-35.65	-19.10	56 76	15 00
194 ILE CG1	-37.06	-18.74	54.72	15.00
194 ILE CD1	-35.95	-18.54	53.75	15.00
194 ILE C	-38.65	-19.70	56.88	15.00
194 ILE 0				
195 LEU N	-39.71	-19.79	56.09	15.00
195 LEU CA	-40.40	-21.04	55.87	15.00
195 LEU CB	-41.91	-20.78	55.71	15.00
195 LEU CG	-42.77	-20.89	56.98	15.00
195 LEU CD1	-42.08	-20.31	58.19	15.00
195 LEU CD2	-44.09	-20.19	56.75	15.00

TABLE VI PCT/US96/17512

195 LEU C	-39.83	-21.68	54.62	15.00
195 LEU 0	-40.04	-21.19	53.51	
196 MET N	-39.05	-22.73	54.81	
196 MET CA	-38.44	-23.44	53.70	15.00
196 MET CB	-37.01	-23.80	54.04	15.00
196 MET CG	-36.11	-22.58	54.16	
196 MET SD	-34.46	-22.98	54.73	
196 MET CE	-33.78	-23.75	53.28	15.00
196 MET C	-39.27	-24.68	53.38	15.00
196 MET 0	-40.03	-25.14	54.23	15.00
197 ALA N	-39.15	-25.19	52.16	15.00
197 ALA CA	-39.91	-26.36	51.72	15.00
197 ALA CB	-39.86	-26.48	50.19	15.00
197 ALA C	-39.51	-27.69	52.36	15.00
197 ALA O	-38.33	-28.00	52.50	15.00
198 ARG N	-40.52	-28.50	52.67	15.00
198 ARG CA	-40.32	-29.81	53.28	15.00
198 ARG CB	-41.08	-29.90	54.60	15.00
198 ARG CG	-41.09	-31.28	55.23	15.00
198 ARG CD	-41.40	-31.21	56.71	15.00
198 ARG NE	-42.71	-30.64	57.00	15.00
198 ARG CZ	-43.83	-31.35	57.04	15.00
198 ARG NH1	-43.80	-32.66	56.80	15.00
198 ARG NH2	-44.97	-30.76	57.34	15.00
198 ARG C	-40.79	-30.90	52.34	15.00
198 ARG 0	-41.87	-30.81	51.76	15.00
199 ASN N	-39.97	-31.93	52.20	15.00
199 ASN CA	-40.28	-33.07	51.33	15.00
199 ASN CB	-41.68	-33.62	51.60	15.00
199 ASN CG	-41.76	-34.41	52.90	15.00
199 ASN OD1	-42.80		53.57	15.00
199 ASN ND2	-40.65	-35.05	53.28	15.00
199 ASN C	-40.08	-32.78	49.85	15.00
199 ASN 0	-40.45 -20.47	-33.59	48.99	15.00
200 LYS N	-39.4/	-31°62	49.54	15.00
200 LYS CA	-37.10 30.10	-31.30	48.16	15.00
200 LYS CB	-37.10 -40 EE	-43.11 -20 15	47.95	15.00
200 LYS CG 200 LYS CD	-wu.jj	-27.13 -20.74	47.70	
200 LYS CF	-42 6A	-29.14	46.34	15.00
200 LYS CE 200 LYS NZ	-43 30	-29.13	46.34	15.00
200 LYS C	-37 AO	-31 R7	43.34 47.04	15.00
200 LYS O				
	~~~~		37.30	10.00

A	181.8			
201 ASN N	-37.66	-33.19	48.01	15.00
201 ASN CA	-36.40	-33.87	47.72	15.00
201 ASN CB	-36.24	-33.99	46.19	15.00
201 ASN CG	7	-35.00		15.00
201 ASN OD1	-35.27	-35.62	44.69	15.00
201 ASN ND2	-34.11	-35.15	46.58	15.00
201 ASN C	-35.18	-33.16	48.34	15.00
201 ASN 0	-34.28	-32.70		15.00
202 ASN N	-35.16	-33.09	49.67	15.00
202 ASN CA	-34.05	-32.47	50.41	15.00
202 ASN CB	-32.86	-33.43	50.47	15.00
202 ASN CG	-31.99	-33.22	51.69	15.00
202 ASN OD1	[6] A. C. C. Gardelli, Phys. Lett. 16, 127	-32.60	52.67	15.00
202 ASN ND2	-30.77	-33.72	51.66	15.00
202 ASN C	death of the second	-31.11	49.86	15.00
202 ASN O	and the second s	-30.87	49.62	15.00
203 ALA N		-30.22	49.72	
203 ALA H	20 Table 1987	-30.48		15.00
203 ALA CA		-28.88	49.17	15.00
203 ALA CB	-35.62	The second of th	49.20	15.00
203 ALA C	-33.31		50.00	15.00
203 ALA O	-33.47		51.19	15.00
204 CYS N	-32.23	-27.75	49.33	15.00
204 CYS CA	-31.15		49.98	15.00
204 CYS C	-30.39		51.03	15.00
204 CYS O	-29.68	-27.21	51.83	15.00
204 CYS CB	-31.68	The state of the state of	50.61	15.00
204 CYS SG	-32.40		49.47	15.00
205 GLY N	-30.51	-29.13	51.01	15.00
205 GLY CA		2 444 - 1	51.97	15.00
205 GLY C	-30.19		53.44	
205 GLY O	-29.39	-30.02		
206 TLE N	-31 A3	-29 40	53 67	15: 00
206 ILE CA	-31.94	-29.18	55.01	15.00
206 ILE CB	-33.46	-28.88	54.98	15.00
206 ILE CG2	-34.18	-29.93	54.15	15.00
206 ILE CG1	-34.03	-28.79	56.39	15.00
206 ILE CD1				
206 ILE C	-31.63	-30.32	55.98	15.00
206 ILE O	-31.31	-30.07	57.15	15.00
207 ALA N	-31.68	-31.56	55.50	15.00
207 ALA N 207 ALA CA	-31.40	-32.72	56.36	15.00
207 ALA CB	-32.50	-33.74	56.24	15.00

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207 ALA C	-30.07	-33.37	56.02	15.00
207 ALA O	-29.89	-34.56	56.21	15.00
208 ASN N	-29.11	-32.58	55.55	15.00
208 ASN CA	-27.81	-33.10	55.16	15.00
208 ASN CB	-27.34	-32.39	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	15.00
208 ASN CG	-27.15	-33.35		
208 ASN OD1	-28.12	-33.85	52.15	15.00
208 ASN ND2	-25.90	-33.60	52.36	15.00
208 ASN C	-26.72	-33.00	56.22	
208 ASN 0		-33.62		
209 LEU N	-26.96			
209 LEU CA	-25.96	-32.06		
209 LEU CB	-24.98	-30.96	57.89	Fig. 201 3 1 1 1 6
209 LEU CG	-23.69	-30.69		
209 LEU CD1	-22.77		58.61	
209 LEU CD2	-22.99	-29.49	58.09	15.00
209 LEU C	-26.63	-31.70	59.63	15.00
209 LEU O	-26.11	-30.91	60.41	
210 ALA N	-27.79	-32.31	59.90	
210 ALA H	-28.15	-32.83	59.17	15.00
210 ALA CA	-28.56	-32.01	61.10	15.00
210 ALA CB	-29.98	-32.52	60.98	15.00
	-27.93			15.00
	-27.23			15.00
211 SER N		-32.12		
211 SER CA	-27.73	-32.66	64.78	15.00
211 SER CB	-26.21	-32.55	64.89	15.00
211 SER OG	-25.79	-31.20	64.98	15.00
211 SER C		-31.89		
211 SER 0	-28.93	-30.80	65.72	15.00
212 PHE N	-28.35	-32.47	67.11	15.00
212 PHE CA	-28.93	-31.84	68.28	
212 PHE CB			68.36	15.00
212 PHE CG	-30.75	-33.63	68.34	15.00
212 PHE CD1	-31.28	-34.23	67.20	15.00
212 PHE CD2	-30.55	-34.43	69.48	15.00
212 PHE CE1	-31.61	-35.57	67.19	15.00
212 PHE CE2	-30.87	-35.79	69.48	15.00
212 PHE CZ	-31.40	-36.35	68.33	
	-28.17		69.50	15.00
212 PHE 0	-27.66	-33.48	69.48	15.00
213 PRO N	-28.03	-31.54	70.55	15.00
213 PRO CD	-28.53	-30.16	70.68	15.00

ezinteka (Maria Maria di Arabi			50 CA	
213 PRO CA	-27.32	-31.95	71.76	
213 PRO CB		-30.61		15.00
213 PRO CG	-28.16	-29.81		- 100 J. D. C. (100)
213 PRO C	-28.20	-32.77		15.00
213 PRO O		-32.64	and the second of the second	7
214 LYS N		-33.60	73.53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
214 LYS CA		-34.41	74.49	the second of th
214 LYS CB	-27.85	-35.85		5,000 K 11,000 KH
214 LYS CG	-28.28	-36.60	73.23	1. 1. No.
214 LYS CD		-38.09	and the first of the particle of the	
214 LYS CE	-26.48	-38.39	73.31	1. 24 - 27 27 2 3 34 -
214 LYS NZ	-25.86	-38.24		15.00
214 LYS C		-33.84	(5) Prop Prof (1) (4.44)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
214 LYS 0	-27.07	-33.47	76.29	100 A 1 A 100 A
215 MET N	-29.28	-33.75		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
215 MET CA	-29.29	and the first of the control of the	of the first sections.	15.00
215 MET CB	-30.27	-32.08		44 (2.1) 3 (4.400.0000)
215 MET CG	-29.79	-30.79	77.48	15.00
215 MET SD	-28.97	-29.73	78.67	15.00
215 MET CE	-30.38	-28.92	79.43	15.00
215 MET C	-29.67	-34.33	78.99	15.00
215 MET OT1	-30.25	-35.37	78.59	and which it was to
215 MET OT2	-29.39	-34.13	80.20	15.00
216 HOH OH2	-21.96	-40.63	81.12	15.00
217 нон он2	-30.77	-17.16	67.86	15.00
218 НОН ОН2	-30.16	-20.07	64.02	15.00
219 НОН ОН2	-3.64	-10.82	59.75	15.00
220 нон он2	-13.18	-7.77	71.57	15.00
221 НОН ОН2	-34.51	-22.61	70.17	15.00
222 нон он2	-18.02	-34.44	65.29	15.00
223 нон он2	-17.01	-5.28	69.42	15.00
224 НОН ОН2	-24.38	-30.77	62.26	15.00
225 нон он2	0.36	-5.40	64.98	15.00
226 НОН ОН2				
227 НОН ОН2	-46.72	-29.80	50.41	15.00
228 НОН ОН2	-45.10	-36.23	56.40	15.00
229 НОН ОН2	-39.09	-12.35	65.48	15.00
230 нон он2	-35.85	-37.05	52.41	15.00
231 HOH OH2	-19.20	-39.14	66.78	15.00
232 нон он2				
233 нон он2	· ·			1.00
234 нон он2	-21.75			
235 нон он2	-30.30	-2.55	77.57	15.00

			44.24	J. K. C. C. 198
236 НОН ОН2	-33.08	-28.99	86.45	15.00
237 НОН ОН2			84.37	
238 НОН ОН2	-39.83	-16.82	48.34	15.00
239 нон он2		-24.95		- 1. V. X. X
240 HOH OH2	-46.44	-34.07	57.12	
241 HOH OH2	-26.91	-7.02		<ul> <li>1. 17 / 2011 (17 C) 47</li> </ul>
242 нон он2	-42.10	-15.05	61.98	15.00
243 нон он2	-24.27	-7.11	65.05	15.00
244 НОН ОН2	-33.44	-27.69	70.80	15.00
245 нон он2			80.61	
246 НОН ОН2	-14.45	-17.44	86.64	
247 НОН ОН2	-4.86	-12.23		经货币 医多克氏性 医皮肤 化二甲烷酸
248 HOH OH2		-20.50	79.87	15.00
249 НОН ОН2		-35.04	59.25	15.00
250 нон он2		-10.90	53.73	15.00
251 нон он2	-31.84	-29.20	46.92	15.00
252 нон он2	-42.75	-9.71	40.49	15.00
253 нон он2			56.25	15.00
254 нон он2	-44.55	-15.65	65.22	
255 нон он2	-32.52		60.73	15.00
256 нон он2				15.00
257 нон он2	-25.69	-11.84	70.98	15.00
258 нон он2	-31.93	-6.64	63.98	15.00
259 нон он2		-7.72	62.94	15.00
260 нон он2	-33.42	-20.20	70.53	15.00
261 нон он2	-12.62		79.04	15.00
262 НОН ОН2	-9.78		77.40	15.00
263 нон он2	-6.71		80.84	
264 HOH OH2			57.19	15.00
265 нон он2		<ul> <li>*** *** *** *** *** *** *** *** *** **</li></ul>	erar (g. 1. januari 1. ja	15.00
266 нон он2			69.97	15.00
267 нон он2	-11.69	-25.57	76.63	15.00
268 нон он2	-17.38	-27.79	86.86	15.00
269 НОН ОН2	-22.39	-37.94	70.91	15.00
270 нон он2	-10.44	-11.32	63.69	15.00
271 нон он2		-22.33	72.95	15.00
272 нон он2	-29.93	-20.17	48.73	15.00
2/3 HOH OH2	-22.92	-30.27	39.30	15.00
2/4 HOH OH2	-33.19	-37.20	49.46	15.00
275 нон он2	-28.10	-25.82	41.06	15.00
276 НОН ОН2	-35.93	-29.91	44.54	15.00
277 нон он2	-37.76	-30.41	51.24	15.00
			and the second second	and the second second

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## TABLE VII

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A<sup>2</sup>) for the cathepsin K complex with inhibitor 4-[N-

[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3pyrrolidinone.

Residue At	om X	Y	Z	В
1 ALA CB	-46.25	-39.17	62.96	30.60
1 ALA C	-47.93	-37.51	63.80	29.74
1 ALA O	-49.14	-37.57	63.58	32.13
1 ALA N	-48.18	-39.83	64.36	28.23
1 ALA CA	-47.15	-38.78	64.13	28.86
2 PRO N	-47.26	-36.34	63.80	27.19
2 PRO CD	-45.94	-36.10	64.40	26.45
2 PRO CA		-35.06	63.50	27.01
2 PRO CB	<ul> <li>In the state of th</li></ul>	-34.10	64.52	26.65
2 PRO CG	-46.25	-34.95	65.31	27.69
2 PRO C	-47.73	-34.52	62.09	26.37
2 PRO O	-46.67	-34.70	61.50	26.53
3 ASP N	-48.76	-33.86	61.58	26.63
3 ASP CA	-48.73	-33.23	60.26	24.49
3 ASP CB		-33.03	59.69	23.94
3 ASP CG	-50.75	-34.32	59.17	24.73
3 ASP OD1		-34.88	58.21	31.10
3 ASP OD2		-34.76	59.71	23.79
3 ASP C			60.39	24.62
3 ASP 0	-47.08	-31.59	59.67	23.92
4 SER N 4 SER CA	-48.55	-31.04	61.28	24.05
4 SER CA	-47.98	-29.72	61.55	22.83
4 SER OG	-49.04	-28.62	61.52	23.29
4 SER C	-49.84 -47.30	-28.70	60.36	24.54
4 SER C	-47.30 -47.71	-29.75	62.91	23.31
5 VAL N	-47.71 -46.27	-30.51	63.79	26.63
5 VAL CA	-45.52	-28.92 -28.80	63.09 64.34	24.43
5 VAL CB	-44.44	-29.91	64.50	22.41 24.60
5 VAL CG1		-29.51 -29.50	65.53	19.58
5 VAL CG2	-45.09	-31.22	64.94	19.58 26.54
5 VAL C	-44.80	-31.22 -27.45	64.30	20.54
		27.32	04.30	46.14

5 VAL O	-44.23	an allegan for a	63.27	24.78
6 ASP N	-44.80	-26.74	65.41	
6 ASP CA	-44.17	-25.43	65.48	
6 ASP CB	-45.15	-24.34	65.04	
6 ASP CG		-22.99	64.81	1 2 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 ASP OD1	-43.28	-22.84	65.12	15.02
6 ASP OD2	-45.20	-22.09	64.31	
6 ASP C	-43.67	-25.17	66.88	
6 ASP O	- N	-24.78	67.74	26.96
7 TYR N	-42.37	-25.32	67.10	
7 TYR CA		-25.08	68.42	
7 TYR CB	-40.44	400.00	68.58	22.46
7 TYR CG		-27.21	68.76	
7 TYR CD1		-27.78		6.79.7
7 TYR CE1	-40.61	We of the state	70.20	23.01
7 TYR CD2		-28.05	67.66	17.84
7 TYR CE2		-29.42	67.82	17.55
7 TYR CZ	-40.72	- 18 (A) 4 (A) 19 (A) 18 (A) 18 (A) 18 (A)	69.08	16.70
7 TYR OH	4	-31.33	69.22	21.92
7 TYR C	-41.77		68.78	18.59
7 TYR O	-41.12		69.75	23.10
8 ARG N	-42.39	A company of the comp	67.96	16.73
8 ARG CA		-21.36	68.25	17.40
8 ARG CB		-20.52	66.98	19.28
8 ARG CG	-41.27	-20.40	66.17	22.66
8 ARG CD	-41.41	Strategic and a second second	64.98	14.98
8 ARG NE	-42.40	of the winds of the	64.04	17.92
8 ARG CZ		-19.53	62.81	22.05
8 ARG NH1	-41.85		62.36	24.53
8 ARG NH2			62.03	26.01
8 ARG C			69.17	15.35
	-43.52			14.09
9 LYS N	-44.77			13.90
9 LYS CA	-46.01			13 24
9 LYS CB	-47.21	-21 R4	68 62	10.03
9 LYS CG	-47.27			16.03
	-48.31		the second second second	13.55
9 LYS CE	-49.69		67.04	13.55 17.52
9 LYS NZ	-50.71		65.97	
9 LYS C	-46.01		70.70	
9 LYS O	-47.06		71.14	
10 LYS N			71.19	17.15
				11.12

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T					January Communication
10 LYS	CA	-44.58	-23.82	72.31	14.97
10 LYS	CB	-44.10	-25.19	71.81	13.68
10 LYS	CG	-45.15	-26.06	71.14	17.87
10 LYS	CD	-44.58	-27.44	70.87	17.96
10 LYS	CE	-45.67	-28.49	70.71	22.08
10 LYS	NZ	-45.07	-29.82	70.35	25.39
10 LYS	C	-43.52	-23.20	73.23	10.83
10 LYS	0	-43.08	-23.82	74.19	9.39
11 GLY	N	-43.07	-22.01	72.88	11.15
11 GLY	CA	-42.08	-21.35	73.70	14.48
11 GLY		-40.71	-21.99	73.69	15.75
11 GLY	o .	-39.92	-21.75	74.60	16.24
12 TYR	n .	-40.41	-22.80	72.67	16.05
12 TYR	CA ·	-39.09	-23.44	72.59	15.26
12 TYR	120, 720	39.18	-24.83	71.96	16.85
12 TYR	A CONTRACT OF STATE	200	-25.90	72.80	12.79
12 TYR	CD1	41.22	-26.04	72.82	12.72
12 TYR		1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-27.07	73.52	16.82
		The second second	-26.82	73.50	18.15
12 TYR	254 July 1954	<ul> <li>1. 4 (2)</li> </ul>	-27.86	74.20	21.62
12 TYR		satt dita		74.20	19.19
12 TYR	37 ft 1 t 1 t 1 t			74.89	22.22
12 TYR	医牙孔氏征 化二二代		-22.61	71.81	16.45
12 TYR	<ul> <li>12 ** 4.2** 3.5*</li> </ul>	36.89	Color of Albertain	71.82	18.97
13 VAL	A	And the second		71.16	16.26
13 VAL (			-	70.34	17.11
13 VAL			-20.58	68.90	17.86
13 VAL	e e e e a Maria	5 14 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		67.96	18.97
13 VAL		The State of the S	N 17 1 1 ADM 1, 21	68.41	19.17
13 VAL (	1 25 15 4 15 4 15 4 15 4 15 15 15 15 15 15 15 15 15 15 15 15 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-19.31	70.89	16.02
13 VAL (	maille			71.14	16.61
14 THR 1			-19.01		15.90
14 THR (	CA -	35.65	-17.71	71.53	20.92
14 THR (	CB -	34.21	-17.77	72.04	22.63
14 THR (	)GI -	33.33	-18.11	70.97	28.59
14 THR (	-GZ <del>*</del>	34.09	-18.78	73.17	23.81
14 THR (	- -	35./3	-16.67	/0.41	25.69
15 PPA	<u>-</u> -	36.Ul	-17.02	69.26	28.47
			-15.37		
T2 LKO (	÷ لاد	35.15 35.55	-14.82	12.05	27.19
			-14.29		
TO BKO (	- d	35.29	-13.04	70.58	24.84

15 PRO CG	-34.43			26.75
15 PRO C	-34.53			19.41
15 PRO O	-33.43		68.84	15.67
16 VAL N	-34.90		67.43	16.42
	-34.03	-14.06		12.13
16 VAL CB			64.95	9.20
16 VAL CG1				7.84
16 VAL CG2	-36.01	-14.56	64.78	6.59
Participation of the Company of the	-32.81	e de la companya del companya de la companya del companya de la co	66.39	11.22
	-32.93	1 17 4/4 1 12 1	66.44	11.47
17 LYS N	-31.65		66.45	10.35
17 LYS CA	-30.39	-13.07	66.55	9.97
17 LYS CB				14.75
17 LYS CG				10.18
17 LYS CD	-30.45			5.48
17 LYS CE	-30.69	- 16, 600 P. St. 1 S. 15 1.	69.66	15.18
17 LYS NZ	and the second of the second and the second	-16.23	70.59	13.03
17 LYS C	-29.98		65.16	9.61
17 LYS O	-30.72			
18 ASN N			65.05	8.91
18 ASN CA	-28.28	90 / A	63.80	8.23
	-28.78		63.72	10.88
18 ASN CG	-28.51	— 4678 (2) (1.3) (2) (3)	62.39	13.91
18 ASN OD1	****		61.72	9.48
18 ASN ND2	-29.40	er in the contract of the cont		13.48
18 ASN C	-26.75		63.75	8.02
18 ASN O	-26.07			13.56
19 GLN N	-26.22	D - O 3 889; O 11		7.59
19 GLN CA	-24.78		63.06	
19 GLN CB	-24.50		62.26	11.76
19 GLN CG		-14.00	60.81	10.58
19 GLN CD	-24.73	-15.33	60.11	10.05
19 GLN 0E1	-25.69	-16.07	59.88	8.08
19 GLN NE2	-23.49	-15.66	59.80	3.31
19 GLN C	-23.84	-11.70	62.60	12.84
19 GLN 0	-22.65	-11.71	62.95	14.67
20 GLY N	-24.33	-10.75	61.81	9.97
	-23.45			
	-22.40			
20 GLY 0	-22.56	-11.21	59.74	14.46
21 GLN N	-21.32			
21 GLN CA	-20.28	-9.80	59.25	13.95

1. 34.						
21	GLN	СВ	-19.55	-8.58	58.66	13.14
21	GLN	CG	-20.40	-7.79	57.65	12.44
21	GLN	CD	-20.73	-8.61	56.41	13.48
21	GLN	OE1	-19.84	-9.15	55.76	14.90
21	GLN	NE2	-22.02	-8.71	56.08	9.41
21	GLN	C	-19.30	-10.83	59.81	15.26
21	GLN	0	-18.08	-10.64	59.79	16.33
22	CYS	N	-19.86	-11.93	60.29	17.72
22	CYS	CA	-19.10	-13.04	60.86	16.36
22	CYS	C	-19.82	-14.31	60.40	16.07
22	CYS	0	-21.05	-14.39	60.44	8.26
22	CYS	CB	-19.02	-12.91	62.40	
22	CYS	SG	-18.36	-14.33	63.35	15.48
23	GLY	N	-19.04	-15.25	59.83	16.86
23	GLY	CA	-19.59	-16.52	59.35	14.89
23	GLY	C	-19.67		60.52	13.50
23	GLY	0	-18.91	-18.45	60.61	11.64
24	SER	N	-20.61	-17.20	61.41	13.66
24	SER	CA		-17.99	62.61	14.12
24	SER	CB	-20.65		63.84	17.06
24	SER	og	-21.37	and the second second	63.67	19.58
24	SER	C ·	-22.18	-18.67	62.64	14.42
24	SER	0	-22.63	-19.12	63.69	15.12
25	CYS	N	-22.83	-18.77	61.48	15.74
25	CYS	CA	-24.16	-19.38	61.40	12.45
25	CYS	СВ	-24.61	-19.48	59.92	17.82
25	CYS	SG	-23.46	-20.34	58.77	15.84
25	CYS	C	-24.23	-20.73	62.12	12.21
25	CYS	0	-25.27	-21.09	62.66	8.88
25	INH	C1	-26.76	-10.18	57.23	37.63
25	INH	C2	-25.50	-10.64	57.58	37.16
25	INH	C3	-24.85	-11.61		
25	INH	C4	-25.45	-12.12	55.64	32.87
			-26.72			
25	INH	C6	-27.38	-10.68	56.09	37.28
25	INH	C7	-24.76	-13.16	54.79	31.70
			-24.07			
25	INH	C9	-24.20	-15.65	55.36	32.90
25	INH	010	-24.83	-16.33	56.19	27.65
25	INH	C11	-23.57	-17.64	54.11	33.43
25	INH	C12	-23.56	-17.98	52.63	29.93
			-24.79			

25 INH C14	-24.84	-16.08	51.57	28.76
25 INH C15	-24.70	-18.31	50.53	33.84
25 INH C16	-22.36	-18.24	54.80	34.35
25 INH 017	-21.26	-18.25	54.27	39.78
25 INH N18	-22.58	-18.72	56.02	35.16
25 INH C19	-21.64	-19.29	56.85	29.32
25 INH N20	-23.57	-16.20	54.33	34.33
25 INH C21	-21.16	-20.68	56.54	29.68
25 INH C22	-22.10	-19.32	58.29	26.25
25 INH 023	-22.30	-18.20	58.72	26.33
25 INH C24	-13.39	-26.50	60.06	25.12
25 INH C25	-13.12	-25.19	59.68	26.39
25 INH C26		-24.48	58.91	\$1110. A. D. O. C.
25 INH C27	-15.23	-25.07	58.52	23.88
25 INH C28	-15.49	-26.37	58.90	24.81
25 INH C29	-14.58	-27.09	59.67	23.22
25 INH C30	-16.20	-24.31	57.66	25.64
25 INH 031	-16.99	-24.94	56.63	26.66
25 INH C32	-18.41	-24.84	56.56	24.33
25 INH 033	-19.08	-25.66	55.96	24.89
25 INH C34	-20.39	-23.56	57.26	25.72
25 INH C35	1 (0.00 (0.00 (0.00 ) 1 (0.00 ) 1 (0.00 )	-24.78	57.78	22.12
25 INH C36	-21.80	-25.75	56.80	16.61
25 INH C37		-25.25		15.08
25 INH C38		-27.08		16.77
25 INH C39	-20.56	-22.41	58.25	28.82
25 INH 040	. 432946 - 66. 4 - 9 - 56 2 - 5	-22.62	and the second of the second of the	37.25
25 INH N41	agreement the engineering the property of	N 44 2 44		
25 INH C42		-20.17		
25 INH N43		-23.81		
26 TRP N	-23.11	-21.45	62.14	14.10
26 TRP CA	-23.02			
26 TRP CB			62.56	[4] S. J. G. Vert, Phys. Rev. B 55, 120 (1997).
26 TRP CG			62.90	15.74
26 TRP CD2	-19.74	-22.52	64.10	17.65
26 TRP CE2	-18.76	-21.51	63.98	15.49
26 TRP CE3	-19.77	-23.30	65.27	18.53
26 TRP CD1	-20.02	-21.49	62.14	16.57
26 TRP NE1	-18.95	-20.90	62.7 <i>7</i>	17.92
26 TRP CZ2	-17.82	-21.26	64.98	13.72
26 TRP CZ3	-18.83	-23.05	66.26	16.53
26 TRP CH2	-17.87	-22.04	66.11	15.09

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26 TRP C	-23.24	-22.55	64.32	19.46
26 TRP O	-24.09	-23.21	64.92	24.77
27 ALA N	-22.52	-21.59	64.90	19.49
27 ALA CA	-22.61	-21.25	66.31	12.94
27 ALA CB	-21.77	-20.01	66.61	12.05
27 ALA C	-24.07	-20.99	66.64	8.35
27 ALA O	-24.61	-21.54	67.60	6.75
28 PHE N	-24.72	-20.18	65.80	8.07
28 PHE CA	-26.13	-19.83	65.95	9.51
28 PHE CB	-26.51	-18.67	65.04	7.62
28 PHE CG	-25.96	-17.35	65.48	4.72
28 PHE CD1	-24.74	-16.91	65.01	4.11
28 PHE CD2	-26.66	-16.56	66.38	2.92
28 PHE CE1	-24.22	-15.69	65.41	4.53
28 PHE CE2	-26.16	-15.33	66.79	2.38
28 PHE CZ		-14.89	66.31	2.00
28 PHE C	-27.07	-21.01	65.72	10.66
28 PHE 0	-28.18	-21.04	66.26	14.07
29 SER N	-26.64	-21.96	64.89	10.83
29 SER CA	-27.44	-23.15	64.62	8.54
29 SER CB	-26.92	-23.88	63.37	2.45
29 SER OG	and the second s	-24.93	62.97	2.00
29 SER C	-27.40	-24.05	65.86	7.86
29 SER O	-28.44	-24.46	66.38	6.37
30 SER N	-26.19	-24.29	66.36	5.14
30 SER CA		-25.14	67.52	7.65
30 SER CB	-24.52	-25.27	67.84	10.56
30 SER OG		-25.61	66.67	14.28
30 SER C		-24.61	68.73	6.72
30 SER O		-25.32	69.34	8.64
31 VAL N	-26.50		69.06	6.44
31 VAL CA 31 VAL CB	-27.15	-22.71	70.19	6.61
31 VAL CB	-26.73	-21.23	70.25	6.76
31 VAL CG1				
31 VAL CG2	-25.35	-21.14	70.90	2.00
31 VAL C	-28.67	-22.86	70.18	9.86
31 VAL O	-29.25	-23.30	71.17	13.64
32 GLY N	-29.30	-22.56	69.05	12.98
32 GLY CA	-30.75	-22.68	68.94	9.41
32 GLY C				
32 GLY 0				
33 ALA N	-30.44	-25.10	68.91	11.42

				•
33 ALA CA		-26.50	69.12	13.15
33 ALA CB		-27.42		
33 ALA C		-26.73		
33 ALA O	-31.87	-27.19	71.19	12.75
34 LEU N	-29.75	-26.39	71.29	
34 LEU CA		-26.51		
34 LEU CB	-28.26	-26.01	73.20	
34 LEU CG		-26.64	72.57	
34 LEU CD1	-25.82	-25.86		A CONTRACTOR OF THE PARTY OF TH
34 LEU CD2	-26.92	-28.09		
34 LEU C	-30.73		73.43	
34 LEU 0	-31.32	-26.22	74.39	A 40 A
35 GLU N	-31.00	-24.53	72.95	
35 GLU CA	-32.03	-23.71	73.54	
35 GLU CB	-32.17	-22.38	72.81	1 1 1 1 1 1
35 GLU CG	-30.92	-21.55	72.88	
35 GLU CD		-20.22	72.17	
35 GLU 0E1		-20.14		23.90
35 GLU 0E2	-30.40			22.09
35 GLU C		-24.43	73.60	18.81
35 GLU 0	-34.06	-24.37	74.62	23.06
36 GLY N	-33.73	-25.11		
36 GLY CA	-35.00	-25.83	72.48	19.77
36 GLY C	-34.96	-27.02	73.42	21.74
36 GLY O	-35.97	-27.38	74.05	18.02
37 GLN N	-33.79	-27.63	73.53	23.70
37 GLN CA	-33.61	-28.77		
37 GLN CB	-32.27	-29.48		
37 GLN CG	-32.08	-29.98		
37 GLN CD		-30.28	and the second	30.06
37 GLN 0E1	-34.20		the state of the s	29.64
37 GLN NE2	-33.58	-29.57	70.83	2
37 GLN C		-28.32	75.86	24.67
37 GLN 0		-28.89		
38 LEU N	-32.99	-27.27	76.22	
38 LEU CA	and the second of the second o	-26.73		
38 LEU CB	-32.20	-25.46	77.70	21.38
38 LEU CG	-32.11	-24.78	79.07	17.48
38 LEU CD1	-31.77	-25.77	80.17	13.71
38 LEU CD2	-31.07	-23.68		17.90
38 LEU C		-26.46		24.35
38 LEU O				26.24

•	1.0			Y	2	
39	LYS	S N	-35.20	-25.71	77.17	26.25
39	LYS	CA	-36.59	-25.41	77.47	28.16
39	LYS	CB	-37.25	-24.61	76.34	28.65
39	LYS	CG	-38.35	-23.65	76.81	27.61
39	LYS	CD	-39.60	-24.37	77.25	27.20
39	LYS	CE	-40.68	-23.40	77.70	26.81
39	LYS	NZ	-41.94	-24.12	78.05	28.10
39	LYS	C	-37.37	-26.69	77.76	26.01
39	LYS	0	-38.28	-26.70	78.60	25.82
40	LYS	N	-37.00	-27.77	77.11	26.61
40	LYS	CA	-37.69	-29.03	77.34	27.03
40	LYS	CB	-37.64	-29.93	76.11	28.30
40	LYS	CG	-38.65	-31.06	76.16	29.91
40	LYS	CD	-38.79	-31.77	74.82	29.72
40	LYS	CE	-37.74	-32.83	74.61	26.31
40	LYS	NZ	-38.04	-33.61	73.37	31.45
40	LYS	С	-37.09	-29.72	78.56	25.36
40	LYS	0	-37.81	-30.32	79.35	
41	LYS	N	-35.78	-29.57	78.73	25.39
41	LYS	CA	-35.06	-30.20	79.84	25.65
41	LYS	СВ	-33.55	-30.06	79.66	24.57
41	LYS	CG	-32.72	-30.84	80.67	20.75
41	LYS	CD	-32.89	-32.34	80.50	26.88
41	LYS	CE	-31.76	-33.13	81.15	28.72
	LYS		-31.63	-32.85	82.61	29.46
41	LYS	C	-35.50	-29.67	81.19	25.70
41	LYS	0	-35.92	-30.44	82.06	23.51
	THR	1 1 Sec. 15	-35.42	-28.35	81.34	26.91
		CA		-27.67	82.58	25.94
	THR		and the state of t	-26.77	83.03	26.05
		OG1	1 (100 M 1 M 7 V 1 ) 19		82.23	27.18
42	THR	CG2	-33.28	-27.49	82.85	28.99
42	THR	C	-37.00	-26.78	82.52	25.00
	er er in de se	0	1 / 5 1 1 2 5 38 7 1	-26.43	83.55	28.90
			-37.38	-26.35	81.32	24.41
43	GLY	CA	-38.54	-25.48	81.19	21.01
			-38.09			
43	GLY	0	-38.92	-23.10	81.08	14.91
44	LYS	N	-36.78	-23.82	81.15	22.11
			-36.16			
		CB				
14	LYS	CG	-35.61	-22.19	83.60	25.46

44 LYS CD	-34.54	-22.37	84.69	26.23
44 LYS CE	-33.36	-21.39	84.56	26.78
44 LYS NZ	-32.26	-21.89	83.66	
44 LYS C	-35.63	-22.16	79.70	22.98
44 LYS O	-34.86	-22.92	79.12	25.51
45 LEU N	-36.06	-21.02	79.17	20.83
45 LEU CA	-35.68	-20.55	77.84	14.37
45 LEU CB	-36.93	-20.19	77.03	6.57
45 LEU CG	-36.73	ne ne kasalusing and	75.54	7.56
45 LEU CD1		-21.28	74.88	7.35
45 LEU CD2	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-19.44	74.92	7.68
45 LEU C	-34.73	-19.36	77.92	12.93
45 LEU O	-35.17		78.02	12.18
46 LEU N		-19.62	77.91	12.78
46 LEU CA		-18.55	77.99	16.27
46 LEU CB	113 - 12 - 2 G. M. J. & J. G. H.	-18.68	79.23	17.06
46 LEU CG	-32.20		80.61	22.73
46 LEU CD1	-33.29	the second second second	80.80	27.00
46 LEU CD2	10 h   1 h   1 h   1 h   10 h	-20.25	80.75	24.49
46 LEU C	-31.59		76.75	19.40
46 LEU O	-31.38		76.15	22.78
47 ASN N	-31.05		76.39	19.21
47 ASN CA		-17.27	75.21	16.88
47 ASN CB	Carlo Colorado (2005) a grando a primer	-15.82	74.70	17.63
47 ASN CG		-15.38		19.44
47 ASN OD1	and the second second second second		74.64	24.63
47 ASN ND2	-31.33	-15.04	72.74	18.95
47 ASN C		-17.79		14.05
17 ASN O	-28.08		76.36	11.81
18 LEU N	Simple See Tell 1991 of the City	-18.87	74.83	
18 LEU CA	-27.05	-19.46	74.97	13.22
18 LEU CB 18 LEU CG	-27.02	-20.94	74.58	14.23
S TELL CD1	-21.64	-22.02	75.50	16.25
	20.50	-22.UZ	70.07	20.21
8 LEU CD2	-23.13 26.00	10:63	75.67	14.71
8 LEU C	-20.00	17.05	74.14	13.45
8 LEU O 9 SER N	-20.31	-10.00	73.29	17.95
9 SER CA	_23 70	-17.00	74.56	15.33
9 SER CA 9 SER CB	-22.75	-17.75 -17.41	73.05	14.70
9 SER OG	-21 73	-16.60	74.00	12 12
9 SER C	-23 NS	-10.00	79.40	14.35
	-23:03	-10.20	16.42	14.35

49 SER 0	-22.14	-19.33	72.52	15.35
50 PRO N	-23.38	-17.93	71.24	13.10
50 PRO CD	-24.49	-16.99	71.00	13.10
50 PRO CA	-22.73	-18.30	69.99	8.82
50 PRO CB	-23.41	-17.39		10.23
50 PRO CG	-24.79	-17.23	69.54	10.20
50 PRO C	-21.25	-17.95	70.09	7.83
50 PRO 0	-20.40	-18.65	69.56	
51 GLN N	-20.96	-16.86	70.80	8.14
51 GLN CA	-19.59	-16.38	70.97	8.89
51 GLN CB	-19.58	-14.99	71.62	12.14
51 GLN CG	-18.31	-14.16	71.33	13.72
51 GLN CD	-18.18	-13.71	69.87	12.95
51 GLN 0E1	-19.12	-13.18	69.27	10.44
51 GLN NE2	-16.99	-13.89	69.30	6.01
51 GLN C	-18.70	-17.34		8.59
51 GLN O	-17.49	-17.46	71.45	8.17
52 ASN N	-19.27	-18.03	72.72	6.61
52 ASN CA		-19.01	73.49	6.19
52 ASN CB	-19.36	-19.58	74.62	6.41
52 ASN CG	-18.70	-20.74	75.34	7.63
52 ASN OD1	-19.39	-21.64	75.81	9.07
52 ASN ND2	-17.39	-20.70	75.48	4.94
52 ASN C	-18.04	-20.09	72.50	9.66
52 ASN O	-16.89		72.54	9.03
53 LEU N	-18.94	4.54	71.58	10.50
53 LEU CA	-18.69	-21.42	70.54	7.20
	-20.01	-21.83	69.89	6.76
53 LEU CG	-20.74	-23.04	70.49	12.00
and the Control of th	-20.47		71.98	14.61
	-22.22		70.21	8.55
53 LEU C	-17.69	-20.92	69.49	6.03
53 LEU 0	-16.75	-21.63	69.14	4.01
54 VAL N	-17.87	-19.70	69.01	2.00
54 VAL CA				
54 VAL CB	-17.34	-17.67	67.64	7.05
54 VAL CG1	-16.27	-17.07	66.74	13.23
54 VAL CG2	-18.66	-17.58	66.93	5.36
54 VAL C				
54 VAL O				
55 ASP N	-15.32	-18.59	69.65	15.93
55 ASP CA	-13.98	-18.48	70.22	17.26

the second secon		· . · . ·		
55 ASP CB	-13.98	-17.47	71.37	19.77
55 ASP CG	-14.33	-16.06	70.94	
55 ASP OD1	-14.48	-15.78	69.72	24.84
55 ASP OD2	-14.44	-15.21	71.84	23.39
55 ASP C	-13.37	-19.78	70.72	18.42
55 ASP O	-12.18	-20.06	70.49	12.75
56 CYS N	-14.18	-20.55	71.43	20.14
56 CYS CA	-13.75	-21.79	72.06	19.35
56 CYS C	-13.66	-23.12	71.30	16.79
56 CYS O	-13.00	-24.05	71.77	19.07
56 CYS CB	-14.52	-21.96	73.37	17.64
56 CYS SG	-14.48	-20.45	74.39	15.52
57 VAL N	-14.31	-23.23	70.14	14.99
57 VAL CA	-14.24	-24.47	69.38	12.09
57 VAL CB	-15.48	-24.72	68.51	9.25
57 VAL CG1	-15.37	-26.09	67.85	2.60
57 VAL CG2	-16.75	-24.62	69.34	5.09
57 VAL C	-13.02	-24.48	68.47	12.69
57 VAL O	-13.04	-23.91	67.39	15.30
58 SER N	-11.96	-25.14	68.92	15.12
58 SER CA	-10.72	-25.21	68.15	18.94
58 SER CB	-9.59	-25.78	69.00	21.08
58 SER OG	-9.92	-27.07	69.49	20.89
58 SER C	-10.84	-25.98	66.83	19.38
58 SER O	-10.00	-25.81	65.94	21.21
59 GLU N	-11.83	-26.87	66.74	21.74
59 GLU CA	-12.04	-27.68	65.53	20.63
59 GLU CB	-12.88	-28.94	65.82	20.59
59 GLU CG	-12.48	-29.76	67.06	21.89
59 GLU CD	-13.08	-29.21	68.37	21.83
59 GLU OE1		-29.11	68.47	25.51
59 GLU OE2	-12.31			
59 GLU C	-12.69	-26.87	64.41	19.86
59 GLU O	-12.56	-27.21	63.23	21.27
60 ASN N	-13.43	-25.83	64.79	16.86
OU ASN CA	-14.11	-24.97	63.83	10.64
60 ASN CB	-15.49	-24.61	64.33	2.00
60 ASN CG	-16.43	-25.78	64.27	6.50
60 ASN OD1	-17.46	-25.83	64.96	3.71
50 ASN ND2	-16.09	-26.75	63.42	3.21
60 ASN C	-13.27	-23.76	63.49	13.09
50 ASN O	-12.25	-23.51	64.13	14.35

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## TARIF VII

61 ASP N	-13.67	-23.01	62.46	14.85
61 ASP CA	-12.90	-21.86	62.02	15.28
61 ASP CB	-12.74	-21.86	60.51	21.27
61 ASP CG	-11.30	-22.08	60.07	23.24
61 ASP OD1	-10.60	-21.08	59.84	26.41
61 ASP OD2	-10.88	-23.25	59.97	20.64
61 ASP C	-13.36	-20.50	62.51	15.18
61 ASP O	-12.89	-19.47	62.01	13.47
62 GLY N	-14.26	-20.50	63.48	15.64
62 GLY CA	-14.75	-19.25	64.03	15.74
62 GLY C	-15.68	-18.55	63.07	17.26
62 GLY O	-16.72	-19.10	62.72	19.72
63 CYS N	-15.30	-17.35	62.64	19.00
63 CYS CA	-16.14	-16.62	61.70	18.17
63 CYS C	-16.00	-17.19	60.29	19.74
63 CYS O	-16.79	-16.86	59.41	22.59
63 CYS CB	-15.85	-15.11	61.73	16.37
63 CYS SG	-16.32	-14.21	63.25	14.06
64 GLY N	-15.00	-18.05	60.09	17.99
64 GLY CA	-14.81	-18.67	58.79	15.84
64 GLY C	-15.66	-19.92	58.60	17.59
64 GLY O	-15.50	-20.66	57.63	19.05
65 GLY N	-16.59	-20.15	59.53	18.26
65 GLY CA	-17.46	-21.31	59.44	12.24
65 GLY C	-17.03	-22.45	60.34	10.78
65 GLY O	-15.90	-22.47	60.83	9.37
66 GLY N	-17.94	-23.40	60.53	8.77
66 GLY CA	-17.68	-24.56	61.36	8.46
66 GLY C	-18.83	-25.55	61.24	10.14
66 GLY O	-19.79	-25.29	60.51	9.60
67 TYR N	-18.69		61.88	12.33
67 TYR CA	-19.74	-27.73	61.84	14.13
67 TYR CB	-19.18	-29.12	61.49	14.00
67 TYR CG	-18.53	-29.22	60.13	
67 TYR CD1	-19.29	-29.29	58.96	19.29
67 TYR CE1	-18.68	-29.37	57.70	19.34
67 TYR CD2				
67 TYR CE2	-16.53	-29.32	58.77	21.15
67 TYR CZ	-17.30	-29.39	57.61	22.41
67 TYR OH				
67 TYR C	-20.44	-27.77	63.20	12.95
67 TYR O	-19.80	-27.61	64.23	14.93

68 MET N	-21.75	-27.98	63.19	14.10
68 MET CA	-22.51	-28.01		
68 MET CB	-24.02	-28.04	64.18	7.28
68 MET CG	-24.57	The control of the second	63.53	12.57
68 MET SD	-24.82	-26.81	61.72	
68 MET CE	-23.29	-26.23	61.15	5.50
68 MET C	-22.07	-29.15	65.34	10.25
68 MET O	-21.98	-28.98	66.55	9.78
69 THR N	-21.74	-30.30	64.76	11.11
69 THR CA	-21.31	-31.45	65.54	9.38
69 THR CB	-21.06	-32.69	64.65	7.39
69 THR OG1	-20.19		63.55	6.10
69 THR CG2		-33.24	64.11	6.49
69 THR C	-20.08		66.39	8.98
69 THR O		-31.41	67.57	15.86
70 ASN N	-19.09		65.81	5.69
70 ASN CA	-17.89	-30.06	66.55	7.38
70 ASN CB	-16.87	A RESIDENCE OF THE PROPERTY OF	65.67	9.34
70 ASN CG	-16.43		64.49	11.35
70 ASN OD1	-16.13		63.43	13.75
70 ASN ND2	-16.38		64.66	13.26
70 ASN C		-29.15	67.71	9.60
70 ASN 0	-17.68		68.79	10.75
71 ALA N		-28.28	67.47	12.80
71 ALA CA	-19.72	-27.33		15.69
71 ALA CB	-20.62		67.84	12.87
71 ALA C	The state of the s	-28.04	69.59	16.01
71 ALA 0		-27.56	70.72	18.32
72 PHE N	-21.14		69.25	15.89
72 PHE CA		-29.90		15.72
72 PHE CB	-22.88		69.53	12.85
72 PHE CG	-24.07	-30.17	68.91	10.89
72 PHE CD1 72 PHE CD2	-24.61	-29.03	69.48	13.23
72 PHE CD2	-24.69	-30.70	67.78	13.69
72 PHE CE1	-25.75	-28.43	68.93	14.17
72 PHE CE2	-25.83	-30.10	67.23	11.57
72 PHE CZ	-20.36	-28.96	67.80	8.27
72 PHE C	-20.93	-30.66	71.11	17.93
72 PHE 0	-20.98 20.01	-30.59	72.34	16.27
73 GLN N 73 GLN CA	-20.UI	-31.36	70.44	19.40
73 CIN CR	10.00	-32.16	/1.08	19.37
73 GLN CB	-10.03	-32.78	70.00	17.22

73 GLN CG	-16.99	-33.70	70.46	19.79
73 GLN CD		-34.36	69.27	20.51
73 GLN OE1	-16.73	-35.40	68.78	22.61
73 GLN NE2	-15.24	-33.72	68.75	18.71
73 GLN C	-18.15	-31.29	72.03	20.01
73 GLN 0	-17.74	-31.75	73.10	20.37
74 TYR N	-17.92	-30.04	71.65	18.39
74 TYR CA	-17.16	-29.12	72.48	15.45
74 TYR CB	-16.90	-27.79	71.73	13.54
74 TYR CG	-16.82	-26.58	72.63	12.20
74 TYR CD1	-15.63	-26.22	73.26	
74 TYR CE1	-15.59	-25.18		11.99
74 TYR CD2	-17.97	-25.84	72.93	9.97
74 TYR CE2	-17.94	-24.79	73.84	7.22
74 TYR CZ	-16.75			
74 TYR OH	-16.74	-23.48	75.43	17.85
74 TYR C		-28.93	73.80	12.38
74 TYR O	-17.38		74.87	15.74
75 VAL N	-19.21	-28.60	73.71	11.39
75 VAL CA	-20.05	-28.38	74.88	11.24
75 VAL CB	-21.50	-28.06	74.44	8.02
75 VAL CG1	-22.42	-27.95	75.64	
75 VAL CG2	-21.54	-26.76	73.66	9.76
75 VAL C	-20.05	-29.59	75.83	16.34
75 VAL 0	-20.35	-29.45	77.03	11.43
76 GLN N	-19.74	-30.76	75.28	18.49
76 GLN CA	-19.69			
76 GLN CB	-19.98	-33.22	75.11	16.55
76 GLN CG	-19.90	-34.60	75.78	17.80
76 GLN CD	-20.05		74.81	16.42
76 GLN OE1	-19.33	-35.89	73.81	
76 GLN NE2	-20.98	-36.68	75.12	11.09
76 GLN C	-18.33			17.72
76 GLN 0	-18.25		77.92	19.51
77 LYS N	-17.25			
77 LYS CA	-15.91	-32.16	76.50	18.56
77 LYS CB	-14.84			18.21
77 LYS CG	-14.75			
77 LYS CD		-33.47		
77 LYS CE	·	-34.69		
77 LYS NZ	-12.02			
77 LYS C		-31.08	and the second s	

77 LYS 0	-14.76	-31.29	78.42	21.61
78 ASN N	-16.20	-29.91	77.36	20.45
78 ASN CA	-15.96	-28.79	78.27	19.68
78 ASN CB	-15.88	-27.47	77.50	18.78
78 ASN CG	-15.19		78.30	19.30
78 ASN OD1	-13.97	W . 12.9 W	78.44	16.41
78 ASN ND2		-25.40	78.79	20.55
78 ASN C	-17.03	-28.73	79.35	18.44
78 ASN 0	-17.03	-27.83	80.18	
79 ARG N	-17.96	-29.68	79.32	16.26
79 ARG CA	-19.04	-29.74	80.30	
79 ARG CB	-18.53		81.63	16.34
79 ARG CG	-17.65	-31.54	81.47	17.65
79 ARG CD	-16.99	-31.93	82.78	19.26
79 ARG NE		-33.01	82.58	21.25
79 ARG CZ	-14.74		82.27	24.36
79 ARG NH1	-14.27	-31.59	82.11	27.69
79 ARG NH2	-13.93		82.13	18.73
79 ARG C	-19.74	1 K 1 Dr. 1810 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80.51	14.94
79 ARG O	-19.91	-27.95	81.64	14.77
80 GLY N	-20.12	-27.73	79.42	16.45
80 GLY CA	-20.82	-26.46	79.56	14.39
80 GLY C		-25.34	78.56	13.10
80 GLY O	-19.49	-25.18	78.00	10.43
81 ILE N	1 70 1775	-24.54	78.38	9.15
81 ILE CA	-21.62	10.1. 19.12% 1177.	77.50	7.25
81 ILE CB		-23.68	76.19	6.85
81 ILE CG2	-23.87	A Company of the Comp	76.48	4.07
81 ILE CG1		-22.55	75.18	8.21
81 ILE CD1	-23.07	to Mark to the last control of the	73.97	11.83
81 ILE C	-22.27	-22.21	78.25	8.64
81 ILE O	-23.29	-22.38	78.94	9.51
82 ASP N	-21.68	-21.03	78.13	11.32
82 ASP CA	-22.20	-19.84	78.81	12.61
B2 ASP CB	-21.14	-18.75	78.92	10.86
82 ASP CG	-19.95	-19.18	79.72	10.55
82 ASP OD1	-18.81	-18.86	79.31	8.90
32 ASP OD2	-20.14	-19.86	80.74	14.89
32 ASP C	-23.46	-19.26	78.19	12.50
32 ASP O	-23.92	19.70	77.14	15.36
33 SER N	-24.03 -	-18.28	78.87	
33 SER CA	-25.23 -	-17.61	78.39	12.55

83 SER CB	-26.14	-17.24	79.55	18.80
83 SER OG	-25.48	-16.36	80.45	22.70
83 SER C	-24.78	-16.35	77.64	9.20
83 SER O	-23.59	-16.01	77.64	5.74
84 GLU N	-25.71	-15.67	76.99	9.19
84 GLU CA	-25.33	-14.43	76.31	14.72
84 GLU CB	-26.47	-13.88	75.45	13.64
84 GLU CG	-26.29	-14.13	73.96	13.53
84 GLU CD	-25.09	-13.41	73.36	12.40
84 GLU OE1	-24.88	-12.23	73.68	14.45
84 GLU OE2	-24.38	-14.02	72.56	16.00
84 GLU C	-24.86	-13.42	77.35	15.76
84 GLU O	-23.85	-12.75	77.16	15.77
85 ASP N	-25.57	-13.36	78.49	18.15
85 ASP CA	-25.21	-12.45	79.58	18.14
85 ASP CB	-26.05		80.84	
85 ASP CG	-27.47	-12.20	80.72	27.07
85 ASP OD1	-28.43	-12.97	80.98	25.69
85 ASP OD2	-27.63	-11.01	80.38	28.79
85 ASP C	-23.73	-12.56		20.03
85 ASP O	-22.98	-11.59	79.78	24.76
86 ALA N	-23.32		80.28	17.91
86 ALA CA		-14.08	80.62	16.67
86 ALA CB	-21.87	-15.44	81.30	15.93
86 ALA C		-14.07	79.41	19.50
86 ALA O		-14.03	79.57	22.48
87 TYR N	-21.56	-14.13	78.21	16.64
87 TYR CA	-20.72	-14.15	77.01	16.44
87 TYR CB	-20.31		76.69	12.21
87 TYR CG	-18.90		76.20	5.93
87 TYR CD1	-18.37	-14.81	75 28	6 36
87 TYR CE1 87 TYR CD2	-17.08	-14.96	74.80	2.57
87 TYR CD2	-18.10	-16.78	76.62	7.25
87 TYR CE2	-16.81	-16.93	76.14	3.11
87 TYR CZ	-16.31	-16.01	75.23	2.00
87 TYR OH	-15.04	-16.18	74.72	8.83
87 TYR C	-21.41	-13.49	75.82	16.77
87 TYR O	-21.87	-14.18	74.91	22.23
88 PRO N	-21.48	-12.15	75.80	15.42
88 PRO CD	-20.91	-11.18	76.74	12.94
	-22.13			
	-21.96			

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	1			
88 PRO CG	-21.82	-10.00	76.55	9.35
88 PRO C	-21.49			
88 PRO O	-20.33	-12.14	73.27	15.05
89 TYR N	-22.25	-11.52	72.28	
89 TYR CA	-21.77	-11.73	70.93	
89 TYR CB	-22.90	-12.16	69.99	
89 TYR CG	-22.46	-12.46	68.56	19.46
89 TYR CD1	-21.64	-13.54	68.28	17.96
89 TYR CE1	-21.26	-13.85	66.98	20.62
89 TYR CD2	-22.90	-11.67	67.49	17.49
89 TYR CE2	-22.53	-11.96	66.17	17.03
89 TYR CZ	-21.70	-13.06	65.92	17.44
89 TYR OH	-21.28	-13.36	64.65	16.20
89 TYR C	-21.11	-10.47	70.39	14.19
89 TYR O	-21.79	-9.45	70.23	14.43
90 VAL N	-19.80	-10.50	70.18	11.92
90 VAL CA	-19.15	-9.33	69.61	12.81
90 VAL CB	-17.69	-9.13	70.09	11.22
90 VAL CG1	-17.68	-8.76	71.57	19.09
90 VAL CG2	-16.84	-10.35	69.83	10.92
90 VAL C	-19.21	-9.39	68.09	14.23
90 VAL O	-19.09	-8.36	67.42	14.19
91 GLY N	-19.44	-10.58	67.53	14.09
91 GLY CA	-19.52	-10.72	66.09	15.26
91 GLY C	-18.16	-10.68	65.44	18.32
91 GLY 0	-18.01	-10.38	64.24	16.36
92 GLN N	<ul> <li>4. Act 2000 May 10, 10</li> </ul>	-11.06	66.23	20.31
92 GLN CA	-15.78		65.81	20.17
92 GLN CB	-15.16	-9.69	66.09	23.65
92 GLN CG	-13.83	-9.44	65.42	28.99
92 GLN CD		-8.00	65.62	34.47
92 GLN OE1	-14.10	-7.15	66.15	34.75
92 GLN NE2	-12.14	-772	65.19	37.63
22 GLIN C	-15.09	-12.17	66.60	20.89
92 GLN 0	-15.53	-12.53	67.70	18.43
93 GLU N	-14.04	-12.73	66.03	22.82
93 GLU CA	-13.31	-13.81	66.69	24.92
33 GTO CB	-12.63	-14.74	65.66	27.98
93 GLU CG	-12.23	-16.10	66.22	29.38
33 GLU CD	-12.00	-17.17	65.15	34.25
33 GPO OET	-12.30	-16.93	63.95	35.80
93 GLU OE2	-11.52	-18.26	65.52	34.14

		3.		
93 GLU C	-12.31	-13.29	67.71	24.19
93 GLU O	-11.61	-12.31	67.45	24.56
94 GLU N	-12.28	-13.94	68.87	23.61
94 GLU CA	-11.38	-13.58	69.96	24.32
94 GLU CB	-12.02	-12.55	70.90	22.62
94 GLU CG	-12.23	-11.20	70.27	23.90
94 GLU CD	-12.86	-10.23	71.21	24.44
94 GLU OE1	-12.18	-9.26	71.60	29.56
94 GLU OE2	-14.04	-10.43	71.57	23.54
94 GLU C	-10.99	-14.84	70.73	23.80
94 GLU O	-11.64	-15.89	70.59	21.98
95 SER N	-9.95	-14.73	71.55	20.75
95 SER CA	-9.47	-15.86	72.36	19.71
95 SER CB	-8.26	-15.46	73.19	20.00
95 SER OG	-8.57	-14.41	74.09	24.28
95 SER C	-10.60	-16.38	73.25	20.63
95 SER 0	-11.48	-15.60	73.65	22.33
96 CYS N	-10.56	-17.66	73.58	17.74
96 CYS CA	-11.60	-18.26	74.42	18.66
96 CYS C	-11.59	-17.72	75.85	19.92
96 CYS 0	-10.58	-17.79	76.56	21.50
96 CYS CB	-11.51	-19.78	74.41	16.39
96 CYS SG	-12.75	-20.61	75.44	19.58
97 MET N	-12.72	-17.14	76.26	17.89
97 MET CA	-12.88	-16.59	77.60	18.67
97 MET CB	-12.86	-15.07	77.57	17.60
97 MET CG	-12.76	-14.43	78.94	18.29
97 MET SD	-11.15	-13.66	79.17	26.40
97 MET CE	-9.99	-15.01	78.76	19.16
97 MET C	-14.18	-17.09	78.20	21.66
97 MET 0	-15.07	-16.31	78.52	25.61
98 TYR N	-14.30	-18.41	78.29	23.47
98 TYR N 98 TYR CA	-15.49	-19.06	78.83	23.75
98 TYR CB	-15 58	-20 50	78 30	21 70
98 TYR CG	-16.39	-21.46	79.13	18.51
98 TYR CD1	-17.74	-21.64	78.90	18.20
98 TYR CE1	-18.49	-22.49	79.70	19.99
98 TYR CD2	-15.80	-22.16	80.17	16.39
98 TYR CD2 98 TYR CE2	-16.53	-23.01	80.97	12.68
98 TYR CZ	-17.87	-23.17	80.74	16.90
98 TYR OH				
98 TYR C				

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		Acres 1		
98 TYR 0	-14.44	-19.23	80.99	27.32
99 ASN N		-18.67		28.21
99 ASN CA	-16.76	-18.59	82.42	27.40
99 ASN CB	-17.24	-17.20	82.85	
99 ASN CG	-17.89	-17.21	84.22	
99 ASN OD1	-19.06	-16.84	84.36	
99 ASN ND2	-17.16	-17.66	85.24	4 4/3/3
99 ASN C	-17.67	-19.66		25.48
99 ASN 0	2 (4)	-19.64	· · · · · · · · · · · · · · · · · · ·	25.31
100 PRO N	-17.12	-20.53		22.21
100 PRO CD	-15.70	-20.60	84.27	21.06
100 PRO CA	-17.89	-21.60	84.50	19.72
100 PRO CB	-16.89		85.49	21.18
100 PRO CG	-15.58	-22.01	84.75	22.13
100 PRO C	-19.14	-21.08	85.22	19.80
100 PRO 0	-20.22		85.09	15.82
101 THR N	-18.98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	85.92	22.73
101 THR CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-19.36	86.68	23.85
101 THR CB		-18.25	87.60	22.86
101 THR OG1	-18.13		87.87	20.58
101 THR CG2	-20.28		88.92	21.48
101 THR C		-18.80		24.75
101 THR 0		-18.46	86.33	22.15
102 GLY N	-20.96	10 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	84.51	25.15
102 GLY CA	-21.96	-18.20	83.59	21.81
102 GLY C	-22.72	-19.34	82.94	19.11
102 GLY 0	-23.78	-19.12	82.36	19.57
103 LYS N	1 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-20.55	83.03	18.20
103 LYS CA	-22.73	-21.77	82.47	16.81
103 LYS CB	-22.08	-23.02	one a region of the region of the con-	16.94
103 LYS CG		-24.30	82.93	15.32
103 LYS CD	-22 03	-25 53	83 10	10 07
103 LYS CE	-21.32	-25.57	84.46	21.19
103 LYS NZ	-20.02	-26.34	84.40	20.74
103 LYS C	-24.24	-21.83	82.62	17.92
103 LYS O	-24.78	-21.68	83.72	18.81
104 ALA N	-24.92	-22.05	81.50	17.95
104 ALA CA	-26.38	-22.11	81.49	17.78
104 ALA CB	-26.93	-21.14	80.47	21.54
104 ALA C	-26.84	-23.52	81.18	18.07
104 ALA O	-27.99	-23.88	81.47	16.81
105 ALA N	-25.95	-24.31	80.58	15.87

105 ALA CA	-26.27	-25.69	80.23	13.04
105 ALA CB	-27.41	-25.72	79.22	10.01
105 ALA C	-25.05	-26.40	79.66	11.95
105 ALA O	-23.94	-25.86	79.68	8.46
106 LYS N	-25.27	-27.63	79.20	12.25
106 LYS CA	-24.24	-28.45	78.57	18.76
106 LYS CB	-23.26	-29.07	79.58	23.73
106 LYS CG	-23.89	-30.02	80.60	26.39
106 LYS CD	-22.88	-31.05	81.09	29.44
106 LYS CE	-23.54	-32.05	82.06	33.28
106 LYS NZ	-24.76	-32.74	81.51	24.10
106 LYS C	-24.95	-29.54	77.77	18.52
106 LYS O	-26.18	-29.49	77.64	16.87
107 CYS N	-24.21	-30.50	77.22	19.97
107 CYS CA	-24.81	-31.59	76.45	21.83
107 CYS CB	-25.13	-31.16	75.00	23.15
107 CYS SG	-23.72	-30.88	73.87	21.75
107 CYS C	-23.98	-32.87	76.48	22.08
107 CYS 0	-22.75	-32.84	76.60	21.41
108 ARG N	-24.66	-34.00	76.40	22.61
108 ARG CA	-23.96	-35.28	76.44	25.98
108 ARG CB	-24.57	-36.18	77.53	25.00
108 ARG CG	-24.76	-35.44	78.85	19.33
108 ARG CD	-25.24	-36.32	79.99	17.89
108 ARG NE	-26.61	-36.80	79.81	10.20
108 ARG CZ	-27.00	-38.02	80.15	9.00
108 ARG NH1	-26.12	-38.88	80.68	6.62
108 ARG NH2	-28.26	-38.39	79.99	10.32
108 ARG C	-23.91	-35.98		23.86
108 ARG O	-24.38	-37.10	74.94	25.08
109 GLY N	-23.34	-35.29	74.10	23.61
109 GLY CA	-23.21	-35.84	72.76	20.68
109 GLY C	-24.30	-35.35	71.82	18.95
109 GLY O	-25.15	-34.56	72.22	19.25
110 TYR N	-24.29	-35.85	70.58	18.18
110 TYR CA	-25.27	-35.46	69.57	17 03
110 TYR CB	-24.72	-34.38	68.64	14.76
110 TYR CG	-23.48	-34.81	67.90	12.25
110 TYR CD1				
110 TYR CE1	-21.06	-34.95	67.75	14.89
110 TYR CD2	-23.56	-35.61	66.78	12.73
110 TYR CE2				

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110 TYR CZ	-21.17	-35.75	66.64	17.33
110 TYR OH	-20.03	-36.26	66.03	22:26
110 TYR C	-25.70	-36.67	68.75	1 1 1
110 TYR O	-25.01	-37.69	68.73	19.27
111 ARG N	-26.83	-36.53	68.07	16.77
111 ARG CA	-27.34	-37.57	67.19	18.25
111 ARG CB	-28.73	-38.08	67.60	20.39
111 ARG CG	-29.51	-38.81	66.48	21.92
111 ARG CD	-28.94	-40.20	66.16	
111 ARG NE	-29.54	-40.85	64.98	25.17
111 ARG CZ	-28.83	-41.49	64.03	26.40
111 ARG NH1	-27.50	-41.55	64.12	21.95
111 ARG NH2	-29.45	-42.10	63.02	18.73
111 ARG C	-27.43	-36.92	65.81	20.54
111 ARG 0	-27.88	-35.77	65.69	23.20
112 GLU N	-26.95	-37.62	64.79	17.24
112 GLU CA	-27.01	-37.12	63.42	13.69
112 GLU CB	-25.70	-37.34	62.69	12.60
112 GLU CG	-24.59	-36.38	63.05	10.04
112 GLU CD	-23.25	-36.92	62.62	11.35
112 GLU OE1	-22.50	-36.23	61.89	10.65
112 GLU OE2	-22.97	-38.06	63.01	14.44
112 GLU C	-28.15	-37.85	62.72	15.47
112 GLU 0	-28.49	-38.97	63.09	17.83
113 ILE N	-28.72	-37.25	61.70	17.43
113 ILE CA	-29.82	-37.87	60.96	14.32
113 ILE CB	-30.99	-36.87	60.90	13.01
113 ILE CG2	-32.04	-37.32	59.87	11.54
113 ILE CG1	-31.55	-36.70	62.33	10.24
113 ILE CD1	-32,35	-35.44	62.57	7.36
113 ILE C	-29.38	-38.34	59.57	12.75
113 ILE 0	-28.59	-37.68	58.91	11.81
113 ILE O 114 PRO N	-29.83	-39.53	59.13	15.44
114 PRO CD	-30.82	-40.40	59.80	19.88
114 PRO CA	-29.47	-40.08	57.81	15.21
114 PRO CB	-30.54	-41.13	57.59	15.21
114 PRO CG	-30.79	-41.66	58.96	16.85
114 PRO C 114 PRO O	-29.53	-39.00	56.73	18.58
114 PRO O	-30.52	-38.27	56.64	21.69
115 GLU N	-28.49	-38.91	55.91	17.93
115 GLU CA	-28.45	-37.90	54.87	18.15
115 GLU CB	-27.12	-37.95	54.11	21.41

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115 GLU CG	-27.04	-39.05	53.06	28.55
115 GLU CD	-25.73	-39.04	52.26	34.52
115 GLU OE1	-25.24	-37.94	51.90	34.27
115 GLU OE2	-25.21	-40.14	51.99	34.99
115 GLU C	-29.63	-37.99	53.90	20.57
115 GLU 0	-30.10	-39.08	53.56	20.47
116 GLY N	-30.13	-36.82	53.51	21.25
116 GLY CA	-31.24	-36.73	52.58	19.05
116 GLY C	-32.59	-37.14	53.12	19.97
116 GLY 0	-33.62	-36.74	52.56	24.15
117 ASN N	-32.62	-37.87	54.23	17.37
117 ASN CA	-33.90	-38.33	54.77	15.93
117 ASN CB	-33.73	-39.57	55.64	10.26
117 ASN CG	-35.03	-40.34	55.79	12.00
117 ASN OD1	-36.12	-39.76	55.79	10.30
117 ASN ND2	-34.92	-41.66	55.91	13.10
117 ASN C	-34.73	-37.30	55.49	17.41
117 ASN 0	-34.57	-37.09	56.70	18.71
118 GLU N	-35.66	-36.70	54.77	15.53
118 GLU CA	-36.56	-35.71	55.34	15.33
118 GLU CB	-37.27	-34.93	54.25	15.94
118 GLU CG	-36.37	-34.00	53.46	22.20
118 GLU CD	-37.14	-33.16	52.46	21.94
118 GLU OE1	-37.27	-33.58	51.29	25.99
118 GLU OE2	-37.64	-32.08	52.85	25.26
118 GLU C	-37.57	-36.30	56.33	18.60
118 GLU O	-38.02	-35.60	57.23	23.43
119 LYS N	-37.93	-37.57	56.17	19.21
119 LYS CA	-38.89	-38.21	57.08	17.16
119 LYS CB	-39.39	-39.55	56.54	18.23
119 LYS CG		-39.44	55.34	23.03
119 LYS CD	-41.48	-38.55	55.62	24.88
119 LYS CE	-41.85	-37.77	54.36	33.17
119 LYS NZ	-40.65	-37.07	53.78	35.51
119 LYS C	-38.30	-38.39	58.44	13.83
119 LYS O	-38.99	-38.27	59.45	14.48
120 ALA N	-37.02	-38.74	58.47	11.43
120 ALA CA	-36.30	-38.93	59.71	11.35
120 ALA CB	-34.91	-39.44	59.43	12.94
120 ALA C				
120 ALA O				
121 LEU N	-35.94	-36.57	59.52	14.09

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121 LEU CA	-35.84	-35.19	59.98	14.37
121 LEU CB	-35.35	-34.28	58.86	
121 LEU CG		-32.82	59.20	13.53
121 LEU CD1	-34.22	-32.69	60.44	17.91
121 LEU CD2	-34.49	-32.13		
121 LEU C	-37.17	-34.71		
121 LEU O	-37.19	-34.08	61.63	
122 LYS N	-38.28	-35.01	59.90	
122 LYS CA	-39.61	-34.63	60.36	
122 LYS CB	-40.67	-34.97	59.32	and the second of the second
122 LYS CG	-42.09	-34.67	59.75	
122 LYS CD	-43.09	-35.54	59.00	
122 LYS CE	-44.48	-35.36	59.56	22.12
122 LYS NZ	-45.45	-36.35	59.02	
122 LYS C	-39.93	-35.32	61.69	17.92
122 LYS 0	-40.58	-34.74	62.58	15.41
123 ARG N	-39.51	-36.57	61.80	20.19
123 ARG CA	-39.71	-37.36	63.00	24.53
123 ARG CB	-39.36	-38.82	62.76	26.04
123 ARG CG	-40.37	-39.57	61.92	
123 ARG CD	-39.79	-40.87	61.39	33.27
123 ARG NE	-38.98	-41.56	62.39	38.93
123 ARG CZ	-37.67	-41.79	62.26	38.64
123 ARG NH1	-37.03	-41.37	61.18	39.92
123 ARG NH2	-37.00	-42.45	63.20	34.71
123 ARG C	-38.89	-36.77	64.14	25.64
123 ARG O	-39.33	-36.76	65.30	25.72
124 ALA N	-37.70	-36.26	63.80	23.74
124 ALA CA	-36.80	-35.64	64.77	25.05
124 ALA CB	-35.49		64.09	22.46
124 ALA C	-37.48	-34.41	65.37	24.90
124 ALA O	-37.50	-34.23	66.59	25.58
125 VAL N	-38.02	-33.57	64.50	25.44
125 VAL CA	-38.69	-32.35	64.92	24.60
125 VAL CB	-39.08	-31.46	63.72	20.30
125 VAL CG1	-39.85	-30.23	64.19	13.27
125 VAL CG2	-37.80	-31.05	62.95	19.58
125 VAL C	-39.93	-32.66	65.73	24.17
	-40.19	-32.01	66.73	26.08
126 ALA N	-40.69	-33.66	65.32	25.26
126 ALA CA	-41.90	-34.00	66.05	26.85
126 ALA CB	-42.65	-35.08	65.34	27.49

126 ALA C	-41.59	-34.41	67.50	28.51
126 ALA 0	-42.22	-33.91	68.43	29.45
127 ARG N	-40.60	-35.30	67.68	27.15
127 ARG CA	-40.20	-35.80	69.01	26.50
127 ARG CB	-39.52	-37.17	68.92	25.80
127 ARG CG	-40.36	-38.31	68.39	29.17
127 ARG CD	-41.39	-38.82	69.38	30.20
127 ARG NE	-42.01	-40.06	68.90	31.67
127 ARG CZ	-43.14	-40.57	69.38	31.87
127 ARG NH1	-43.62	-41.70	68.87	32.34
127 ARG NH2	-43.80	-39.97	70.36	33.34
127 ARG C	-39.30	-34.88	69.83	26.63
127 ARG 0	-39.61	-34.54	70.98	29.49
128 VAL N	-38.13	-34.58	69.27	24.07
128 VAL CA	-37.14	-33.75	69.93	20.27
128 VAL CB	-35.74	-33.96	69.29	17.18
128 VAL CG1	-34.73	-33.00	69.87	16.62
128 VAL CG2	-35.27	-35.40	69.51	16.17
128 VAL C	-37.51	-32.28	69.92	19.91
128 VAL 0	-38.00	-31.75	70.91	21.31
129 GLY N	-37.26	-31.63	68.79	21.40
129 GLY CA	-37.56	-30.22	68.67	18.08
129 GLY C	-36.62	-29.60	67.67	17.76
129 GLY 0	-36.22	-30.27	66.71	14.46
130 PRO N	-36.25	-28.33	67.86	18.11
130 PRO CD	-36.68	-27.44	68.96	20.59
130 PRO CA	-35.35	-27.64	66.94	17.36
130 PRO CB	-35.03	-26.36	67.70	17.67
130 PRO CG	-36.33	-26.07	68.41	19.12
130 PRO C	-34.10	-28.47	66.69	18.18
130 PRO O	-33.43	-28.92		21.49
131 VAL N	-33.81	-28.71	65.41	14.71
131 WAT. CA	-32 66	20 47	CA 00	10.15
131 VAL CB	-33.09	-30.69	64.16	13.09
131 VAL CG1	-31.88	-31.39	63.55	14.17
131 VAL CG2	-33.88	-31.63	65.02	19.95
131 VAL C	-31.80	-28.60	64.10	10.57
131 VAL O	-32.33	-27.86	63.27	13.19
132 SER N	-30.49	-28.71	64.25	7.45
132 SER CA	-29.59	-27.93	63.42	7.72
132 SER CB				
	-28.37			

132 SER C	-29.48	-28.55	62.02	6.88
132 SER O		-29.74		
133 VAL N	-29.75	-27.75		
133 VAL CA	-29.68		59.62	
133 VAL CB	-31.09	-28.35		
133 VAL CG1	-31.92	-29.35		
133 VAL CG2	-31.80		58.93	2.32
133 VAL C	-28.88		4 . 11 . 11 . 11	
133 VAL 0	-28.93	-25.99		4.92
134 ALA N	-28.09	-27.71	57.85	8.55
134 ALA CA	-27.29	-26.90		10.56
134 ALA CB	-25.90	-27.49		10.48
134 ALA C	-28.01	-26.89		11.28
134 ALA O		-27.91	55.19	10.70
135 ILE N		-25.75	54.91	5.87
135 ILE CA	•	-25.64		9.02
135 ILE CB		-25.04	53.75	9.82
135 ILE CG2	-30.96	-25.98		8.18
135 ILE CG1		-23.67		
135 ILE CD1	-31.24		54.30	5.36
135 ILE C		-24.75	52.67	
135 ILE 0		-24.17		11.83
136 ASP N	-28.27		51.41	14.26
136 ASP CA	-27.64	-23.83	50.39	
136 ASP CB	-27.59		49.03	11.56
136 ASP CG	-27.29	-23.58	47.87	11.70
136 ASP OD1	-27.82		46.77	
136 ASP OD2	-26.54	-22.61		The 1999 of
136 ASP C	-28.44	-22.53	50.29	11.76
136 ASP 0		-22.50		12.86
137 ALA N	-27.90	-21.45	50.83	
137 ALA CA	-28.63	-20.19	50.80	
137 ALA CB		-19.64		
137 ALA C	-28.02			
137 ALA O	-28.27		50.04	
138 SER N	-27.20	-19.57		
138 SER CA		-18.66		
138 SER CB	-25.45	-19.36		13.20
138 SER OG	-25.91			
138 SER C		-17.97		
138 SER O				16.85
139 LEU N	-28.50	- 40 - 1 - 2 to 1 - 1 - 1	46.53	

139 LEU CA -29.51 -18.24 45.62 139 LEU CB -30.62 -19.27 45.41 139 LEU CG -30.39 -20.25 44.25 139 LEU CD1 -28.98 -20.81 44.28 139 LEU CD2 -31.39 -21.35 44.31 139 LEU C -30.07 -16.90 46.07 139 LEU O -30.56 -16.77 47.18 140 THR N -29.98 -15.89 45.20	10.28 7.79
139 LEU CG -30.39 -20.25 44.25 139 LEU CD1 -28.98 -20.81 44.28 139 LEU CD2 -31.39 -21.35 44.31 139 LEU C -30.07 -16.90 46.07 139 LEU O -30.56 -16.77 47.18	7.79 16.09 6.66 10.95 10.84
139 LEU CD1 -28.98 -20.81 44.28 139 LEU CD2 -31.39 -21.35 44.31 139 LEU C -30.07 -16.90 46.07 139 LEU O -30.56 -16.77 47.18	16.09 6.66 10.95 10.84
139 LEU CD2 -31.39 -21.35 44.31 139 LEU C -30.07 -16.90 46.07 139 LEU O -30.56 -16.77 47.18	6.66 10.95 10.84
139 LEU C -30.07 -16.90 46.07 139 LEU O -30.56 -16.77 47.18	10.95 10.84
139 LEU O -30.56 -16.77 47.18	10.84
그리고 : 그리고 있다는 그 : 지나는 그는 그는 그는 그는 그리고 있다는 그리고 그리고 있다. 그리고 그리고 있다는 그리고 있다는 그리고 있다.	
140 THR N -29.98 -15.89 45.20	12.65
・ (control of the control of the	
140 THR CA -30.48 -14.56 45.55	10.04
140 THR CB -30.04 -13.47 44.54	8.74
140 THR OG1 -30.71 -13.68 43.29	16.41
140 THR CG2 -28.52 -13.50 44.33	5.90
140 THR C -31.98 -14.51 45.76	7.53
140 THR 0 -32.51 -13.48 46.16	7.86
141 SER N -32.69 -15.60 45.48	7.62
' 설계, 보이 보고도 하면요' ' - ' ' - ' - ' ' - ' ' - ' ' - ' ' - ' ' ' ' - ' ' - ' ' - ' ' - ' ' - ' ' - ' ' - ' ' - ' '	10.59
그들도 그 나는 프로토하다. 로바다는 사람이 되는 살아서는 그 그 그 그는 사람들이 다른 사람들이 생각하다고 있다.	7.78
141 SER OG -34.14 -17.92 45.09	10.19
141 SER C -34.32 -15.81 47.21	14.46
- '발스, '돌아 보는 '발스 시간 등이 보고 보는 사람들이 되었다. 그런 사람들이 되었다. 그런 사람들이 되었다.	15.07
그는 생님은 생각하다. 그는 그는 그들은 사람들은 사람들은 사람들이 가는 사람들이 되었다. 그 사람들이 되었다.	16.29
raziata in tri tiferifi.	18.29
142 PHE CB -32.26 -17.80 49.57	19.91
그렇다 보는 그렇도 그 모든 사람들은 사람들이 살아 하는 사람들이 가장하는 사람들은 사용하다. 당하는	19.34
142 PHE CD1 -32.83 -19.42 51.40	19.10
·교·교교 - 프로프랑테프트로	17.86
142 PHE CE1 -32.77 -19.84 52.72	18.29
142 PHE CE2 -31.52 -17.86 53.29	16.09
142 PHE CZ -32.12 -19.06 53.67	17.03
142 PHE C -33.04 -15.46 49.98	
142 PHE 0 -33.70 -15.13 50.96	20.82
143 GLN N -32.06 -14.71 49.48	17.89
143 GLN CA -31.69 -13.46 50.11	
143 GLN CB -30.35 -12.98 49.56	
143 GLN CG -29.29 -14.07 49.66	27.97
143 GLN CD -27.96 -13.66 49.06	35.25
143 GLN OE1 -27.88 -12.65 48.36	
143 GLN NE2 -26.91 -14.44 49.35	32.14
143 GLN C -32.77 -12.40 49.97	16.38
143 GLN 0 -32.78 -11.43 50.72	21.06
144 PHE N -33.71 -12.62 49.07	16.70
144 PHE CA -34.81 -11.68 48.86	16 02

144 PHE CB			47.42	14.35
144 PHE CG	-33.63		47.06	9.94
144 PHE CD1		-9.28		7.40
144 PHE CD2	1. A W X 3. A 1	-10.63		11.47
144 PHE CE1	-32.09	-8.54	47.58	
144 PHE CE2	-31.73	-9.89	45.63	
144 PHE CZ	-31.34	-8.85	46.45	
144 PHE C	-36.15	-12.29	49.26	1776 T. 1111 Apr 1 3970 C. 1
144 PHE 0	-37.21	-11.75	48.94	23.82
145 TYR N	-36.10	-13.42	49.95	21.54
145 TYR CA	-37.31	-14.10	50.39	20.66
145 TYR CB	-36.98	-15.43	51.09	19.50
145 TYR CG	-38.13	-16.04	51.85	20.41
145 TYR CD1	-38.96	-16.98	51.25	
145 TYR CE1	-40.05	-17.51	51.93	23.37
145 TYR CD2		-15.64	53.15	19.98
145 TYR CE2	-39.52	-16.16	53.84	20.51
145 TYR CZ	-40.33	-17.09	53.22	22.20
145 TYR OH	-41.42	-17.60	53.89	OCC 1500 1500 1500 1500 1500 1500 1500 15
145 TYR C	-38.13	-13.18	51.31	19.31
145 TYR 0	-37.57	-12.41	52.09	16.29
146 SER N	-39.44	-13.29	51.23	19.16
146 SER CA	-40.31	-12.46	52.05	18.38
146 SER CB	-40.69	-11.17	51.33	21.74
146 SER OG	-41.24	-11.45	50.05	25.62
146 SER C	-41.55		52.52	17.33
146 SER 0	-41.87	-13.19	53.70	17.00
147 LYS N	-42.21	-13.90	51.60	15.30
147 LYS CA	-43.42	-14.63	51.94	16.47
147 LYS CB	-44.65	-13.72	51.85	21.13
147 LYS CG		-14.43	52.13	26.90
147 LYS CD	-47.15	-13.75	51.41	31.88
147 LYS CE	-48.38		51.35	38.13
147 LYS NZ	-49.45	-14.23	50.41	36.35
147 LYS C	-43.61			16.19
147 LYS 0	-43.21	-15.91	49.92	18.85
148 GLY N	-44.20	-16.91	51.69	14.07
148 GLY CA	-44.47	-18.14	50.98	13.24
148 GLY C	-43.46	-19.26	51.17	12.23
148 GLY O	-42.39	-19.05	51.74	11.43
149 VAL N		-20.45		9.32
149 VAL CA	-42.95	-21.61	50.81	8.20

## TARLE VII

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	149 VAL CB		-22.96	50.60	5.83
	149 VAL CG1	-42.72	-24.11	50.73	
	149 VAL CG2		-23.12	51.61	4.34
	149 VAL C	-41.92	-21.43	49.70	11.54
	149 VAL O	-42.25	-21.45	48.50	12.48
	150 TYR N	-40.68	-21.21	50.13	12.91
	150 TYR CA	-39.55	-21.02	49.24	10.42
	150 TYR CB	-38.33	-20.58	50.03	4.78
	150 TYR CG	-37.10	-20.42	49.19	8.23
	150 TYR CD1	-36.83	-19.21	48.55	
	150 TYR CE1	-35.68	-19.06	47.77	11.54
	150 TYR CD2				8.80
	150 TYR CE2	-35.07	-21.33	48.24	9.65
		-34.81			10.30
	150 TYR OH	-33.67	-19.97	46.88	18.73
	150 TYR C	-39.27	-22.30	48.46	14.00
	150 TYR 0		-23.40	48.96	16.63
	151 TYR N		-22.13	47.24	15.66
	151 TYR CA				
	151 TYR CB	-39.74			
	151 TYR CG	10 10 10		45.13	23.93
	151 TYR CD1			45.64	28.17
	151 TYR CE1		. The secret of second 26	44.83	29.69
	151 TYR CD2		-25.25	43.80	26.78
	151 TYR CE2	-39.76		42.99	
	151 TYR CZ	-39.16	effect of sile from the	the first and the first of the second	32.44
	151 TYR OH	-38.99	ti in in ere de servicione		37.61
	151 TYR C		-22.60	45.15	18.03
	151 TYR O	-38.32			16.75
	152 ASP N	-36.76	なぎち ほうくつ	44.68	19.75
	152 ASP CA	-36.05		43.52	21.69
	152 ASP CB	-35.07	-21.53	43.91	21.35
	152 ASP CG	~34.48 34.50	-20.80	42.70	22.73
.:.	152 ASP OD1	33.00	-19.56	42.63	20.20
	152 ASP OD2				
	152 ASP C	-33.33 -34 67	-23.63 -24.67	42.30	20.58
	152 ASP O 153 GLU N	-34.0/	-24.27 -24.000	43.12	28.85
`: ` · <sub>:</sub> .	153 GLU CA	-34 86	-24.U3 -25.25	41.00	26.65
• .••	153 GLU CB	-35 52	-25 57	30 CO	30.10
	153 GLU CG	-36.09	-24 38	38 92	34 00
	153 GLU CD	-35.04	-23 61	38.15	37 00
٠.				JU.1J	31.33

				t Negeriales
153 GLU 0E1	-34.95	-22.38	38.34	40.14
153 GLU 0E2	-34.31	-24.24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
153 GLU C	-33.34		40.91	
153 GLU 0	-32.71	-26.22	40.70	23.54
154 SER N	-32.75	-24.02	41.11	23.15
154 SER CA	-31.30	-23.83	41.04	25.05
154 SER CB	-30.95	S 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40.85	1997 - N. 1971 - 1981
154 SER OG	-31.81	-21.71	39.91	- 10 TO THE
154 SER C	-30.53		42.26	25.62
154 SER 0	-29.37	-24.78	42.15	26.42
155 CYS N	-31.19		43.43	24.27
155 CYS CA	-30.63	4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	44.71	19.73
155 CYS C	-29.88	-26.08	44.59	17.05
155 CYS 0	-30.44		44.16	14.86
155 CYS CB	-31.72	-24.87	45.79	20.11
155 CYS SG	-31.27	-24.12	47.40	19.94
156 ASN N	-28.61	-26.07	44.99	19.11
156 ASN CA	-27.76		44.92	21.62
156 ASN CB	-26.37	-26.87	44.41	19.84
156 ASN CG	-25.47	-28.06	44.20	20.15
156 ASN OD1	-25.86	-29.20	44.44	15.60
156 ASN ND2	-24.23	-27.80	43.77	19.95
156 ASN C	-27.67	-28.05	46.24	22.71
156 ASN 0	-27.08	-27.58	47.21	23.56
157 SER N	-28.20	-29.28	46.23	22.09
157 SER CA	-28.22	-30.17	47.40	16.83
157 SER CB	-28.93	-31.49	47.06	14.81
157 SER OG	-30.26	-31.26	46.66	19.44
157 SER C	-26.86	-30.49	48.02	17.43
157 SER 0	-26.78	-31.10	49.10	16.02
158 ASP N	-25.79	-30.19	47.30	17.73
158 ASP CA	-24.46	-30.46	47.80	20.40
158 ASP CB			46.88	
	-24.27		46.89	27.15
	-24.93		45.88	
158 ASP OD2		-33.55		26.52
158 ASP C	and the second of the second o	-29.19	48.00	20.27
158 ASP 0	-22.46	-29.22	48.16	20.24
159 ASN N	and the second second		47.97	
159 ASN CA	-23.72	1.7		22
159 ASN CB	-24.01		47.10	18.24
159 ASN CG	-23.00	-24.66	47.10	21.17

				110
159 ASN OD1	-21.83	-24.86	47.42	16.98
159 ASN ND2	-23.46	-23.46	46.75	22.38
159 ASN C	-24.12	-26.28	49.55	17.56
159 ASN 0	-24.64	-25.17	49.67	19.13
160 LEU N	-23.93	-27.12	50.57	12.99
160 LEU CA	-24.23	-26.73	51.94	8.24
160 LEU CB	-24.00	-27.89	52.89	4.68
160 LEU CG	-25.09	-28.95	53.11	5.66
160 LEU CD1	-25.96	-29.16	51.89	3.96
160 LEU CD2	-24.43	-30.24	53.54	6.24
160 LEU C	-23.28	-25.58	52.23	8.29
160 LEU O	-22.07	-25.75	52.11	8.75
161 ASN N	-23.83	-24.41	52.54	9.39
161 ASN CA	-23.02	-23.23	52.83	10.51
161 ASN CB	-22.74	-22.43	51.56	14.18
161 ASN CG	-24.01	-22.01	50.85	10.89
161 ASN OD1	-24.80	-21.22	51.35	14.49
161 ASN ND2	-24.21	-22.56	49.67	16.31
161 ASN C	-23.56	-22.29	53.92	12.43
161 ASN O	-23.02	-21.20	54.14	13.86
162 HIS N	-24.62	-22.69	54.60	11.27
162 HIS CA	-25.19	-21.85	55.64	10.37
162 HIS CB	-26.13	-20.82	55.00	5.69
162 HIS CG	-26.80	-19.89	55.96	6.06
162 HIS CD2	-28.10	-19.79	56.33	6.15
162 HIS ND1	-26.14	-18.85	56.61	11.02
162 HIS CE1	-27.01	-18.16	57.33	5.27
162 HIS NE2	-28.20	-18.71	57.17	6.68
162 HIS C	-25.92	-22.76	56.61	11.99
162 HIS O	-26.68	-23.63	56.20	15.71
163 ALA N	-25.59	-22.65	57.89	14.09
The second secon	-26.22	-23.48	58.91	10.89
163 ALA CB	-25.26	-23.79	60.01	12.33
163 ALA C				
163 ALA O	-27.24	-21.48	59.69	7.93
164 VAL N	-28.52	-23.33	59.61	8.61
164 VAL CA	-29.73	-22.67	60.06	9.19
164 VAL CB				
164 VAL CG1				
164 VAL CG2				
164 VAL C	-30.45	-23.60	61.06	9.94
164 VAL O	-29.95	-24.69	61.35	11.85

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	165 LEU N	-31.59	-23.20	61.61	5.74
	165 LEU CA	-32.29	-24.07	62.58	
ŲÌ.	165 LEU CB	-32.27	-23.43	63.97	
	165 LEU CG	-32.85	-24.20		
	165 LEU CD1	-31.81	-25.14	65.69	
	165 LEU CD2	-33.27	-23.20		
	165 LEU C	-33.71	-24.47	62.20	8.12
	165 LEU 0	-34.52	-23.62	61.80	12.38
	166 ALA N	-34.04	-25.75	62.36	6.76
	166 ALA CA	-35.37	-26.25	62.02	6.92
	166 ALA CB	-35.28	-27.67	61.50	5.38
	166 ALA C	-36.29	-26.20	63.24	9.15
: : : .	166 ALA O	-36.23	-27.07	64.10	12.12
	167 VAL N	-37.15	-25.19	63.30	10.50
	167 VAL CA	-38.06	-25.06	64.42	10.11
4:	167 VAL CB	-38.16	-23.60	64.93	9.38
27 1 E	167 VAL CG1	-36.79	-23.07	65.35	2.39
·	167 VAL CG2	-38.82	-22.71	63.88	7.39
·	167 VAL C	-39.47	-25.56	64.11	10.07
	167 VAL 0		-25.13	64.73	12.94
:	168 GLY N	-39.60	-26.47	63.16	9.76
	168 GLY CA	-40.93	-26.97	62.85	
	168 GLY C	-41.09	-27.55	61.46	8.86
	168 GLY 0	-40.11	-27.88	60.80	7.84
	169 TYR N		-27.71	61.06	10.03
	169 TYR CA		-28.24	59.76	12.55
	169 TYR CB	-42.20	-29.67	59.56	12.27
	169 TYR CG	-42.79		60.51	12.03
	169 TYR CD1	-44.13		60.43	9.03
	169 TYR CE1	-44.67		61.26	9.87
	169 TYR CD2	-42.00	-31.35	61.45	
	169 TYR CE2	-42.54	-32.31	62.30	8.77
	169 TYR CZ	-43.87			6.67
	169 TYR OH	-44.45			8.74
	169 TYR C	-44.21			15.32
	169 TYR O	-44.88	-28.12	60.72	19.66
	170 GLY N	-44.77			
	170 GLY CA	-46.21			
·	170 GLY C	-46.70			
 	170 GLY O	-46.13			
6 v.,	171 ILE N	-47.70	-27.21	56.66	17.47
	171 ILE CA	-48.28	-27.14	55.33	23.06

	and the second second			
171 ILE CB	-49.37	-28.23	55.17	25.40
171 ILE CG2	-50.56	-27.93	56.06	30.02
171 ILE CG1	-49.86	-28.31	53.73	33.16
171 ILE CD1	-49.86	-29.73	53.19	37.53
171 ILE C	-48.86	-25.75	55.07	21.85
171 ILE O	-49.14	-25.02	56.01	26.83
172 GLN N	-48.95	-25.33	53.81	24.21
172 GLN CA	-49.52	-24.03	53.46	24.63
172 GLN CB	-48.53	-22.88	53.66	22.98
172 GLN CG	-49.13	-21.50	53.34	24.04
172 GLN CD	-48.15	-20.35	53.49	25.53
172 GLN 0E1	-47.37	-20.30	54.45	30.09
172 GLN NE2	-48.17	-19.42	52.55	28.42
172 GLN C	-50.02	-24.03	52.02	25.83
172 GLN O	-49.24	-24.28	51.09	28.71
173 LYS N	-51.32	-23.80	51.83	23.80
173 LYS CA	-51.91	-23.78	50.49	22.33
173 LYS CB	-51.58	-22.46	49.78	22.26
173 LYS CG	-52.35	-21.23	50.29	26.56
173 LYS CD	-53.81	-21.23	49.80	30.52
173 LYS CE	-54.48	-19.85	49.89	29.44
173 LYS NZ	-54.64	-19.30	51.27	28.52
173 LYS C	-51.45	-24.98	49.66	21.89
173 LYS 0	-51.02	-24.84	48.52	22.66
174 GLY N	-51.49	-26.16	50.27	21.87
174 GLY CA	-51.08	-27.38	49.61	20.01
174 GLY C	-49.59	-27.70	49.71	19.12
174 GLY 0	-49.18	-28.85	49.49	14.08
175 ASN N	-48.79	-26.71	50.06	19.25
175 ASN CA	-47.34	-26.90	50.16	22.03
175 ASN CB	-46.59	-25.65	49.70	23.43
175 ASN CG	-47.13	-25.08	48.40	26.87
175 ASN OD1				
	-47.96			
175 ASN C	-46.85	-27.30	51.56	22.36
175 ASN 0	-46.95	-26.52	52.51	22.73
	-46.34			
176 LYS CA	-45.79	-28.98	52.95	18.15
176 LYS CB	-45.64	-30.50	52.97	19.27
176 LYS CG	-46.95			21.41
176 LYS CD	-46.63			17.01
176 LYS CE	-47.83	-33.72	53.27	21.32

	. Tahun Awi Arida			
176 LYS NZ	-48.07	-33.97	54.73	17.44
176 LYS C	-44.42	-28.30	53.03	20.70
176 LYS 0	-43.56	-28.53	52.17	21.72
177 HIS N	-44.19	-27.51	54.08	1 A. C
177 HIS CA	-42.93	-26.78	54.26	
177 HIS CB	-43.18	-25.28		16.90
177 HIS CG	-44.04	-24.76	55.30	17.13
177 HIS CD2	-43.77	-24.55	56.62	20.36
177 HIS ND1	-45.37	-24.39	55.13	20.15
177 HIS CE1	-45.87	-23.99	56.28	21.57
177 HIS NE2	-44.92	-24.08	57.20	21.14
177 HIS C	-42.20	-27.08	55.56	13.57
177 HIS 0	-42.71	-27.80	56.42	15.98
178 TRP N	-41.05			11.27
178 TRP CA	-40.27	-26.56		10.08
178 TRP CB	-38.80		56.72	13.29
178 TRP CG	-38.53	10.00 to 10.00 to 10.00 to 10.00 to	56.29	9.82
178 TRP CD2	-38.48	-29.53	57.12	13.57
178 TRP CE2	-38.10	-30.61	56.30	13.92
178 TRP CE3	-38.73	-29.77	58.48	15.49
178 TRP CD1	-38.19	-28.77	55.04	12.10
178 TRP NE1	-37.93	-30.12	55.03	13.58
178 TRP CZ2	-37.95	-31.92	56.79	14.49
178 TRP CZ3	-38.58	-31.07	58.97	16.39
178 TRP CH2	-38.19	-32.13	58.12	16.81
178 TRP C	-40.31	-25.13	57.51	10.66
178 TRP O	-40.55	-24.19	56.75	11.76
179 ILE N	-40.13	-24.95	58.82	11.11
179 ILE CA	-40.11	-23.61	59.41	9.30
179 ILE CB	-40.99	-23.50	60.66	11.02
179 ILE CG2		-22.10	61.21	3.09
179 ILE CG1	-42.44	-23.88	60.33	9.87
179 ILE CD1	-43.38	-23.79	61.52	10.20
1/9 ILE C	-38.66	-23.46	59.79	10.91
179 ILE 0	-38.13	-24.27	60.55	13.14
180 ILE N	-38.01	-22.45	59.23	12.47
TOO THE CA	-30.60	-22.25	59.48	10.39
180 ILE CB	-35.84	-22.35	58.14	4.50
180 TLE CG2	-34.41	-21.90	58.27	4.54
180 ILE CG1	-35.91	-23.78	57.61	6.63
180 ILE CD1	-35.21	-24.85	58.48	10.08
180 ILE C	-36.27	-20.95	60.18	12.35

180 ILE O	-36.73	-19.88	59.76	18.36
181 LYS N	-35.50	-21.05	61.27	9.02
181 LYS CA	-35.06	-19.88	62.03	6.93
181 LYS CB	-34.92	-20.19	63.52	8.20
181 LYS CG	-34.55	-18.99	64.39	4.18
181 LYS CD	-34.21	-19.41	65.80	5.00
181 LYS CE	-33.83	-18.23	66.69	2.00
181 LYS NZ	-33.38	-18.69	68.03	2.00
181 LYS C	-33.71	-19.45	61.47	6.56
181 LYS O	-32.76	-20.23	61.51	9.50
182 ASN N	-33.63	-18.25	60.93	6.31
182 ASN CA	-32.38	-17.79	60.36	7.51
182 ASN CB	-32.62	-17.18	58.97	12.34
182 ASN CG	-31.37	-17.16	58.12	13.66
182 ASN OD1	-30.38	-17.83	58.43	13.80
182 ASN ND2	-31.40	-16.41	57.03	14.20
182 ASN C	-31.67	-16.80	61.27	8.95
182 ASN O	-32.29	-16.18	62.12	9.35
183 SER N	-30.37	-16.65	61.07	12.23
183 SER CA	-29.55	-15.74	61.87	12.33
183 SER CB	-28.41	-16.50	62.54	11.14
183 SER OG	-27.51	-17.06	61.60	2.83
183 SER C	-29.03	-14.56	61.05	17.18
183 SER O	-27.84	-14.23	61.12	14.11
184 TRP N		-13.92	60.30	20.03
184 TRP CA	5 5 3 4 4 4 4	-12.77	59.45	17.75
184 TRP CB	-29.94	-13.03	57.99	17.44
184 TRP CG	A 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-13.87	57.26	11.74
184 TRP CD2	-29.09	-14.40	55.93	10.49
184 TRP CE2	-27.91	-15.11	55.65	11.82
184 TRP CE3		-14.34	54.96	7.76
184 TRP CD1	-27.75	-14.27	57.71	13.64
184 TRP NE1			56.76	
	-27.70			8.06
184 TRP CZ3	-29.88			8.86
184 TRP CH2	-28.70			
184 TRP C	-30.30			
	-30.21			
185 GLY N	-31.05			19.92
185 GLY CA	-31.75	1501		17.99
185 GLY C	-33.25			
185 GLY O	-33.78	-11.41	60.68	24.20

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				30
186 GLU N	-33.94	-9.85	62.30	25.86
186 GLU CA	-35.39		62.34	28.63
186 GLU CB	-35.92	-9.06	63.55	33.72
186 GLU CG	-37.35		64.01	33.62
186 GLU CD	-37.39		64.97	33.61
186 GLU OE1		-10.57	65.96	35.89
186 GLU OE2	-38.18	-11.54	64.74	33.82
186 GLU C	-35.93	-9.26	61.04	27.44
186 GLU O	-37.08	-9.48	60.68	29.63
187 ASN N	-35.09	-8.50	60.33	28.18
187 ASN CA	-35.54	-7.88	59.08	30.53
187 ASN CB	-35.10		58.99	33.02
187 ASN CG	-36.04	-5.57	58.12	36.45
187 ASN OD1	-35.65	-4.51	57.62	41.13
187 ASN ND2	-37.28	-6.03	57.95	34.46
187 ASN C	-35.20	-8.65	57.79	29.17
187 ASN 0	-35.12	-8.08	56.69	26.38
188 TRP N	-34.95	-9.94	57.93	26.78
188 TRP CA	-34.69	-10.76	56.76	22.32
188 TRP CB	-33.39	-11.54	56.84	20.90
188 TRP CG	-33.28	-12.47	55.69	18.19
188 TRP CD2	-33.78	-13.82	55.64	20.16
188 TRP CE2	-33.53	-14.30	54.34	16.93
188 TRP CE3	-34.43	-14.65	56.56	15.73
188 TRP CD1	-32.75	-12.21	54.46	12.09
188 TRP NE1	-32.90	-13.31	53.64	17.84
188 TRP CZ2	-33.90	-15.58	53.94	18.81
188 TRP CZ3	-34.79	-15.92	56.17	18.58
188 TRP CH2	-34.53	-16.38	54.87	19.87
188 TRP C	<sup>-</sup> 35.87	-11.70	56.68	21.57
188 TRP 0	-36.40	-12.11	57.72	19.48
189 GLY N	-36.28	-12.04	55.46	22.26
189 GLY CA	-37.41	-12.93	55.26	19.03
189 GLY C	-38.59	-12.53	56.12	16.83
189 GLY O	-38.70	-11.37	56.51	16.64
190 ASN N	-39.44	-13.48	56.47	19.64
L90 ASN CA	-40.60	-13.17	57.30	21.04
L90 ASN CB	-41.76	-14.13	57.02	18.69
L90 ASN CG	-43.09	-13.58	57.49	20.80
L90 ASN OD1	-43.14	-12.58	58.20	25.63
90 ASN ND2	A CONTRACTOR OF THE PARTY OF TH		57.09	16.08
90 ASN C	-40.20 -			

0.844				
190 ASN 0	-40.08	-14.23	59.39	21.80
191 LYS N	-39.91	-11.99	59.31	
191 LYS CA	-39.51	-11.81	60.71	17.89
191 LYS CB	-40.69		61.66	19.60
191 LYS CG	-41.88		61.39	20.04
191 LYS CD	-43.02	-11.37	62.36	17.35
191 LYS CE	-44.34	-10.84	61.84	16.88
191 LYS NZ	-45.47	-11.13	62.77	17.42
191 LYS C	-38.33	-12.71	61.12	14.97
191 LYS 0	-38.28	-13.22	62.23	11.80
192 GLY N	-37.38	-12.87	60.20	16.54
192 GLY CA	-36.20	-13.67	60.47	10.79
192 GLY C	-36.40	-15.14	60.19	12.10
192 GLY 0	-35.53	-15.94	60.52	14.29
193 TYR N	-37.53	-15.50	59.59	15.02
193 TYR CA	-37.82	-16.91	59.26	15.85
193 TYR CB	-39.02	-17.45	60.08	19.04
193 TYR CG	-38.75	-17.68	61.55	20.49
193 TYR CD1	-38.79	-16.64	62.45	23.39
193 TYR CEL	-38.52	-16.84	63.79	24.79
193 TYR CD2	-38.43	-18.95	62.02	21.17
193 TYR CE2	-38.15	-19.17	63.36	22.23
193 TYR CZ	-38.19	-18.11	64.24	24.79
193 TYR OH	-37.88	-18.29	65.56	25.50
193 TYR C	-38.11	-17.13	57.77	14.84
193 TYR O	-38.58	-16.22	57.07	11.51
194 ILE N	-37.90	-18.36	57.33	16.12
194 ILE CA	-38.16	-18.78	55.96	14.70
194 ILE CB	-36.84	-18.88	55.15	17.12
194 ILE CG2	-35.85	-19.82	55.81	13.78
194 ILE CG1		-19.29	53.70	15.67
194 ILE CD1	-35.97	-18.96	52.77	13.44
194 ILE C	-38.92	-20.12	55.97	12.70
194 ILE 0	-38.59			11.58
195 LEU N	-39.99	-20.21	55.18	12.52
195 LEU CA		-21.43		12.23
195 LEU CB	-42.27	-21.12	54.93	12.99
95 LEU CG	-42.88	-20.23	55.99	16.19
195 LEU CD1	-44.36	-20.05	55.68	16.70
195 LEU CD2	-42.69	-20.87	57.36	17.95
95 LEU C	-40.36	-22.30	53.93	10.25
95 LEU O	-41.15			

All the state of the			•	
196 MET N				9.10
196 MET CA	-38.58	-23.59	52.89	
196 MET CB	-37.15	-23.99	53.20	8.97
196 MET CG	-36.23	-22.80	53.29	8.78
196 MET SD	-34.62	-23.28		
196 MET CE	-33.88	-23.71		
196 MET C	-39.43	-24.79	52.52	
196 MET 0	-40.21	-25.27	53.33	
197 ALA N	-39.26	-25.28		11.72
197 ALA CA	-40.03	-26.42	50.82	12.43
197 ALA CB	-39.92	-26.52	49.30	
	-39.62	-27.73	51.49	13.38
197 ALA 0	-38.45	-27.92	51.85	11.55
198 ARG N	-40.58	-28.64	51.65	
198 ARG CA	-40.38	-29.92	52.30	13.06
198 ARG CB	-41.05	-29.94	53.69	14.09
198 ARG CG	-41.05	-31.27	54.39	5.88
198 ARG CD	-41.44	-31.09	55.84	6.02
198 ARG NE	-42.82	and the second second	56.02	3.48
198 ARG CZ	-43.85		56.05	6.84
198 ARG NH1		-32.82	55.89	2.00
198 ARG NH2			56.35	2.52
198 ARG C	-40.94	-31.02	51.43	12.96
198 ARG 0	-41.97		50.78	15.58
199 ASN N	-40.29	-32.18	51.47	12.90
199 ASN CA		-33.34		13.45
199 ASN CB	32		50.63	17.26
199 ASN CG	15.1		51.91	22.47
199 ASN OD1		-35.09	52.47	20.71
199 ASN ND2	-43.83	-33.68	52.36	26.83
199 ASN C	-40.12	-33.20	49.24	12.34
199 ASN 0				
200 LYS N	-40.22	-32.00		
200 LYS CA	-39.73	and the same of th		8.22
200 LYS CB	-39.86	-30.13	47.11	8.55
200 LYS CG	-41.26	-29.57	47.04	5.90
200 LYS CD	-41.97	-30.04	45.79	9.80
200 LYS CE	-43.07			
200 LYS NZ	-42.51		44.72	
200 LYS C	-38.29		47.02	7.56
200 LYS 0	-37.43	-31.27	46.71	5.62
201 ASN N	-38.05	-33.39	47.07	9.28

201 ASN CA	-36.76	-33.99	46.79	10.44
201 ASN CB	-36.58	-34.11	45.28	12.24
201 ASN CG	-37.80	-34.72	44.61	16.00
201 ASN OD1	-38.18	-35.86	44.91	12.64
201 ASN ND2	-38.47	-33.93	43.78	14.00
201 ASN C	-35.55	-33.38	47.47	10.11
201 ASN O	-34.60	-32.95	46.82	11.93
202 ASN N	-35.59	-33.36	48.80	11.90
202 ASN CA	-34.50	-32.83	49.61	9.85
202 ASN CB	-33.31	-33.79	49.55	13.31
202 ASN CG	-32.38	-33.63	50.72	13.23
202 ASN OD1	-32.82	-33.40	51.84	16.24
202 ASN ND2	-31.09	-33.81	50.47	7.73
202 ASN C	-34.09	-31.43	49.19	10.35
202 ASN O	-32.90	-31.12	49.17	13.84
203 ALA N	-35.05	-30.59	48.88	15.00
203 ALA H	-35.55	-31.01	49.01	15.00
203 ALA CA	-34.83	-29.22	48.41	15.00
203 ALA CB	-35.54	-28.63	48.10	15.00
203 ALA C	-33.66	-28.58	49.16	15.00
203 ALA O	-33.48	-28.72	50.36	18.81
204 CYS N	-32.82	-27.85	48.40	16.60
204 CYS CA	-31.68	-27.12	48.94	13.11
204 CYS C	-30.69	-27.92	49.78	13.70
204 CYS 0	-29.77	-27.35	50.36	13.59
204 CYS CB	-32.14	-25.88	49.70	11.09
204 CYS SG	-32.81	-24.55	48.65	21.00
205 GLY N	-30.86	-29.23	49.82	15.46
205 GLY CA	-29.96	-30.07	50.60	17.31
205 GLY C	-30.16	-29.87	52.09	18.03
205 GLY 0	-29.21	-29.94	52.87	16.28
206 ILE N	and the second second	-29.72		18.33
	-31.76			
	-33.23			19.06
206 ILE CG2	-34.22	-29.85	53.34	18.93
206 ILE CG1	-33.59			14.65
	-34.76			16.36
206 ILE C	-31.52			21.37
206 ILE O	-31.03			
	-31.79			
207 ALA CA				
207 ALA CB	-32.79	-34.05	54.92	20.40

ta in indicate with the transfer of the				
207 ALA C	-30.29	-33.82	55.03	17.00
207 ALA O	-30.18	-34.98	55.38	15.14
208 ASN N	-29.26	-33.13		
208 ASN CA	-27.97	-33.79		
208 ASN CB	-27.26		53.11	16.56
208 ASN CG	-27.95	-33.93	51.86	
208 ASN OD1	-28.79	-34.83	51.91	6.67
208 ASN ND2	-27.58	-33.36	50.72	12.22
208 ASN C	-27.01	-33.56	55.59	16.20
208 ASN 0	-26.14	-34.39	55.83	19.88
209 LEU N	-27.14	-32.44	56.30	11.98
209 LEU CA	-26.22	- 11 · 1. 27 22 130 30 30 1	57.40	
209 LEU CB	-25.19		56.96	11.33
209 LEU CG	-23.81	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	57.61	6.60
209 LEU CD1	-23.24	-32.42		6.26
209 LEU CD2	-22.89	-30.23	56.73	6.70
209 LEU C	-26.87		58.73	14.26
209 LEU O	-26.32	A CONTRACTOR OF THE CONTRACTOR	59.48	15.18
210 ALA N	-27.99	-32.44	59.08	15.00
210 ALA H	-28.41	1. A. 152399 J. W. L. & C.	58.30	15.00
210 ALA CA	-28.76	the state of the first part of the	60.27	15.00
210 ALA CB	-30.25		To the Same of the Comment	15.00
210 ALA C		-32.97	61.45	15.00
210 ALA O	-28.07	-34.16	61.40	11.82
211 SER N	-28.32		62.66	12.69
211 SER CA	-27.97		63.90	11.35
211 SER CB	-26.47	-33.22	64.03	10.79
211 SER OG	-25.80		64.32	5.14
211 SER C		-32.25	65.11	11.89
211 SER 0	-28.51	-31.01	65.14	11.91
212 PHE N	-28.97	-32.99	66.09	12.57
212 PHE CA	-29.47	-32.38	67.31	11.64
212 PHE CB	-30.95			
212 PHE CG	-31.27	-34.12	67.44	11.84
212 PHE CD1	-31.61	-34.70	66.24	10.42
212 PHE CD2	-31.23	-34.91	68.58	14.45
212 PHE CE1				
212 PHE CE2			68.53	3.1
	-31.87		67.32	16.55
	-28.61			
212 PHE O	-27.91	-33.85		12.03
213 PRO N	-28.60		69.57	

			(Gail III. (Crassa)	3 W B - 1 1 1 1
213 PRO CD	-29.24	-30.73	69.77	10.69
213 PRO CA	-27.79	-32.41	70.74	12.29
213 PRO CB	-27.41	-31.05	71.29	11.67
213 PRO CG	-28.70	-30.29	71.12	14.62
213 PRO C	-28.56	-33.23	71.75	12.17
213 PRO 0	-29.78	-33.11	71.88	2.00
214 LYS N	-27.82	-34.09	72.45	14.45
214 LYS CA	-28.39	-34.94	73.50	19.77
214 LYS CB	-27.80	-36.34	73.46	20.65
214 LYS CG	-28.06	-37.08	72.17	24.16
214 LYS CD	-27.54	-38.52	72.24	29.93
214 LYS CE	-26.02	-38.57	72.40	33.14
214 LYS NZ	-25.49	-39.97	72.44	35.37
214 LYS C	-28.15	-34.26	74.84	21.45
214 LYS 0	-27.02	-33.92	75.20	16.74
215 MET N	-29.23	-34.05	75.57	22.65
215 MET CA	-29.16	-33.38	76.85	25.38
215 MET CB	-30.04	-32.13	76.79	27.81
215 MET CG	-29.77	-31.09	77.85	26.22
215 MET SD	-30.44	-29.54	77.29	25.84
215 MET CE	-28.92	-28.76	76.63	23.17
215 MET C	-29.56	-34.30	77.99	25.33
215 MET OT1	-28.65	-34.77	78.71	27.00
215 MET OT2	-30.77	-34.58	78.12	23.48
216 нон он2	-31.11	-16.42	65.02	14.43
217 НОН ОН2	-29.30	-20.25	62.17	18.73
218 НОН ОН2	-10.67	-12.22	63.70	43.10
219 нон он2	-16.45	-12.20	72.96	5.87
220 НОН ОН2	-35.12	-23.55	69.64	9.44
221 НОН ОН2	-24.01	-30.97	61.16	4.73
222 нон он2	-13.01	-8.39	61.94	32.49
223 нон он2		-21.66		
224 нон он2	-43.65	-26.52	48.92	29.00
225 нон он2				13.84
226 нон он2	-40.92	-17.45	68.90	12.03
227 нон он2	-43.72	-25.26	44.65	38.82
228 нон он2	-24.12	-5.83	68.94	43.50
229 нон он2	-30.71	-18.60	67.86	32.89
230 нон он2	-35.05	-26.71	51.39	30.11
231 нон он2	-36.74	-24.80	49.94	8.69
232 нон он2				12.67
233 нон он2	-28.91	-10.19	75.44	15.32

		GREEN WEGGER		
234 нон он2	-36.31	-14.76	75.60	16.14
235 нон он2	-16.18	-4.92	68.62	27.92
236 нон он2	-16.52	-8.98	75.02	28.63
237 нон он2	-10.50	-18.37	70.18	39.29
238 нон он2	-9.29	-19.89	78.20	29.36
239 НОН ОН2	-45.95	-16.45	54.42	
240 HOH OH2	-33.98	-29.86	44.88	32.74
241 HOH OH2	-36.55	-38.18	52.42	11.87
242 HOH OH2	-41.73	-34.84	55.47	18.73
243 HOH OH2	-41.21	-19.79	71.20	
244 НОН ОН2	-47.90	-19.78	72.76	27.97
245 HOH OH2	-42.20	-14.92	70.78	34.65
246 HOH OH2	-26.14	-8.98	67.92	37.03
247 HOH OH2	-32.81	-7.84	63.95	35.20
248 HOH OH2	-19.95	-7.54	63.08	32.69
249 HOH OH2	-16.19	-10.67	61.92	30.22
250 нон он2	-35.01	-39.74	65.90	10.75
251 НОН ОН2	-13.63	-24.17	76.67	16.76
252 нон он2	-8.21	-25.68	60.56	19.27
253 нон он2	-20.14	-27.62	51.69	32.97
254 нон он2	-25.01	-33.27	60.23	25.95
255 нон он2	100	-29.77	72.49	36.07
256 нон он2	in a section of the s	-40.03	63.75	25.23
257 нон он2		-23.81	87.06	28.06
258 нон он2	-13.50	-12.46	62.97	41.75
259 нон он2	-28.41	-30.03	56.55	11.99
260 нон он2	ニンドー しょれきごう 日本教 カック	-16.56	42.17	23.76
261 нон он2	<ul> <li>19 (19) A 10 (19) A 10 (19)</li> </ul>	-19.23	42.44	8.60
262 нон он2			47.05	47.25
263 нон он2		ann with the rest of	43.22	18.34
264 нон он2	-32.62	ang kataon menangkan kataon ing	42.32	42.83
265 HOH OH2	-38.09	-30.05	50.12	38.26

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A<sup>2</sup>) for the cathepsin K complex with inhibitor 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone.

Residue	Atom	X	Y	Z	В
1 ALA	СВ	-46.30	-38.07	64.13	15.00
1 ALA	C	-48.64	-37.16	64.46	15.00
1 ALA	0	-49.53	-37.68	63.79	15.00
1 ALA	N	-48.10	-39.41	65.31	15.00
1 ALA	CA	-47.55	-38.03	65.08	15.00
2 PRO	N	-48.69	-35.88	64.81	15.00
2 PRO	CD	-48.06	-35.33	66.02	15.00
2 PRO	CA	-49.67	-34.93	64.29	15.00
2 PRO	CB	-49.53	-33.73	65.24	15.00
2 PRO	CG	-48.13	-33.85	65.77	15.00
2 PRO	C	-49.42	-34.53	62.86	15.00
2 PRO	0	-48.34	-34.77	62.28	15.00
3 ASP	N	-50.40	-33.85	62.30	15.00
3 ASP	CA	-50.29	-33.37	60.93	15.00
3 ASP	CB	-51.65	-33.42	60.27	15.00
3 ASP	CG	-52.12	-34.84	60.00	15.00
3 ASP	OD1	-52.02	-35.30	58.84	15.00
3 ASP	OD2	-52.59	-35.51	60.95	15.00
3 ASP		-49.76	-31.93	61.01	15.00
3 ASP	0	-49.44	-31.32	59.99	15.00
4 SER	N	-49.58	-31.45	62.24	15.00
4 SER	11 4.	-49.13	-30.09	62.51	15.00
4 SER		-50.32	-29.14	62.52	15.00
4 SER		-50.86	-29.02	61.20	15.00
4 SER	C	-48.39	-29.96	63.84	15.00
4 SER		-48.74	-30.63	64.84	15.00
5 VAL	7	-47.34	-29.15	63.84	15.00
5 VAL		-46.50	-28.91	64.99	15.00
5 VAL		-45.35	-29.97	65.11	15.00
5 VAL		-44.17	-29.43	65.89	15.00
5 VAL		-45.84	-31.21	65.74	15.00
5 VAL		-45.86	-27.57	64.80	15.00
5 VAL	0	-45.37	-27.25	63.70	15.00

WO 97/16177 PCT/US96/17512 TABLE VIII

			1.00	
6 ASP N	-45.84	-26.80	65.89	15.00
6 ASP CA	-45.22	-25.50	65.92	15.00
6 ASP CB	-46.16	-24.37	65.46	15.00
6 ASP CG	-45.40	-23.07	65.15	15.00
6 ASP OD1	-44.21	-22.96	65.51	15.00
6 ASP OD2	-45.98	-22.17	64.51	15.00
6 ASP C	-44.81	-25.27	67.34	15.00
6 ASP O	-45.65	-24.96	68.17	15.00
7 TYR N	-43.51	-25.35	67.61	15.00
7 TYR CA	-43.00	-25.14	68.94	15.00
7 TYR CB	-41.63	-25.80	69.13	15.00
7 TYR CG	-41.68	-27.30	69.31	15.00
7 TYR CD1	-41.55	-27.88	70.57	15.00
7 TYR CE1	-41.60	-29.29	70.74	15.00
7 TYR CD2	-41.86	-28.14	68.22	15.00
7 TYR CE2	-41.91	-29.55	68.38	15.00
7 TYR CZ	-41.79	-30.10	69.64	15.00
7 TYR OH	-41.91	-31.46	69.83	15.00
7 TYR C	-42.85	-23.70	69.30	15.00
7 TYR O	-42.16	-23.39	70.26	15.00
8 ARG N	-43.40	-22.80	68.50	15.00
8 ARG CA	-43.31	-21.39	68.80	15.00
8 ARG CB	-43.55	-20.55	67.56	15.00
8 ARG CG	-42.37	-20.55	66.60	15.00
8 ARG CD	-42.57	-19.68	65.38	15.00
8 ARG NE	-43.64	-20.20	64.53	15.00
8 ARG CZ	-43.88	-19.78	63.29	15.00
8 ARG NH1	-43.09	-18.84	62.77	15.00
8 ARG NH2	-44.92	-20.26	62.60	15.00
8 ARG C	-44.37	-21.14	69.84	15.00
8 ARG O	-44.09		70.93	15.00
9 LYS N	-45.58	-21.65	69.54	15.00
9 LYS CA	-46.73	-21.55	70.42	15.00
9 LYS CB	-47.95	-22.19	69.75	15.00
9 LYS CG	-48.42	-21.37	68.55	15.00
9 LYS CD				
9 LYS CE	-49.41	-21.46	66.17	15.00
9 LYS NZ	-50.87	-21.36	66.45	15.00
9 LYS C				
9 LYS O	-46.36	-21.45	72.77	15.00
10 LYS N	-46.15	-23.46	71.83	15.00
	-45.85		73.10	15.00
10 LYS CB	-45.43	-25.57	72.86	15.00

			4	
10 LYS CG	-46.52	-26.39	72.25	15.00
10 LYS CD	-46.05	-27.76	71.89	15.00
10 LYS CE	-46.89	-28.35	70.81	15.00
10 LYS NZ	-48.31	-27.94	70.92	15.00
10 LYS C	-44.81	-23.41	73.94	15.00
10 LYS O	-44.74	-23.62	75.14	15.00
11 GLY N	-43.95	-22.63	73.30	15.00
11 GLY CA	-42.94	-21.90	74.05	15.00
11 GLY C	-41.53	-22.43	74.01	15.00
11 GLY 0	-40.78	-22.24	74.97	15.00
12 TYR N	-41.13	-23.07	72.91	15.00
12 TYR CA	-39.76	-23.60	72.84	15.00
12 TYR CB	-39.78	-24.98	72.15	15.00
12 TYR CG	-40.42	-26.09	72.97	15.00
12 TYR CD1	-41.76	-26.06	73.35	15.00
12 TYR CE1	-42.34	-27.10	74.13	15.00
12 TYR CD2		-27.18	73.39	15.00
12 TYR CE2	-40.21			15.00
12 TYR CZ		-28.17	74.53	15.00
12 TYR OH	-42.10	1 400	75.25	15.00
12 TYR C		-22.68		15.00
12 TYR O		-22.97	71.90	15.00
13 VAL N	1.0		71.56	15.00
13 VAL CA		-20.71	70.75	15.00
13 VAL CB	4.00		69.33	15.00
13 VAL CG1	-38.15		68.35	15.00
13 VAL CG2	-39.49		68.92	and the second second
13 VAL C	and the second of the second o	-19.27	71.23	
13 VAL O	-39.24	77.9	71.45	15.00
14 THR N			1	15.00
14 THR CA	-36.64			15.00
14 THR CB	-35.17	-17.57	72.25	15.00
14 THR OG1	~34.33	-18.03	71.18	15.00
14 THR CG2 14 THR C				
	-30.70	-16.58	/U.6U	15.00
14 THR O 15 PRO N	-36 27	-15.32	70 03	15.00
15 PRO CD	-36.21	-13.32 -17.64	70.83	15.00
15 PRO CA	-36 20	-14.04	60-76	15.00
15 PRO CB				
15 PRO CG				
15 PRO C	-35 23	-14 60	68 72	15 00
15 PRO 0	-34.20	-15.21	69.02	15 00
<del> </del>	T. T. T. T. T.		00.02	

PCT/US96/17512 TABLEVIII

	WO 97/16177				
	* *		TABLE V	ш	and the S garage of
	16 VAL N	-35.48	-14.05	67 52	15.00
	16 VAL CA		-14.19		15.00
e de la companya de l	16 VAL CB	-35.37	-13.74	65.10	15.00
	16 VAL CG1	-34.43	-13.61	63.92	
	16 VAL CG2		-14.72		15.00
	16 VAL C		-13.33		
	16 VAL O	-33.47	-12.33	67.23	15.00
	17 LYS N	-32.24	-13.78	66.10	15.00
	17 LYS CA		-12.97	66.26	15.00
	17 LYS CB				
	17 LYS CG		-14.44		
		-30.63		69.54	
		-30.89		70.82	
	17 LYS NZ		-15.10	A. A. C. BANKS, P	G. C. T. Day 93, 47 A. F.
	17 LYS C 17 LYS O	-30.46		Charles and the state of the st	
	18 ASN N		-12.84		Christian College College
	18 ASN CA		-11.94		15.00
	18 ASN CB			63.75	15.00
	18 ASN CG	-20.30	-9.96 -9.39	63.69	15.00
	18 ASN OD1	-30.89	-9.35 -9.75	63.32	15.00 15.00
	18 ASN ND2				20 10 10 10 10 10 10 10 10 10 10 10 10 10
	18 ASN C		-11.93	(1995) 64 15 175 555 (Miss of Princip	15.00
ज्या । विक्रमा	18 ASN O	-26.58		65.03	15.00
	19 GLN N		-12.69	63.06	and the second of the second
	19 GLN CA		-13.13		8.8.87 (3) 1
	19 GLN CB	-24.96	-14.41	62.43	and the second of the second of
	19 GLN CG	-25.34	-14.25	60.98	15.00
	19 GLN CD	-25.10	-15.49	60.16	15.00
	19 GLN 0E1	-26.04	-16.20	59.82	15.00
	19 GLN NE2	-23.86	-15.72	59.77	15.00
	19 GLN C	-24.24	-12.02	62.83	15.00
	19 GLN O	-23.05	-12.15	63.08	15.00
	20 GLY N	-24.72	-11.01	62.11	15.00
	20 GLY CA	-23.86	-9.91	61.69	15.00
	20 GLY C	-22.83	-10.31	60.65	15.00
	20 GLY 0	-23.08	-11.26	59.94	15.00
	21 GLN N	-21.69	-9.61	60.49	
	21 GLN CA 21 GLN CB				15.00
	21 GLN CG	-20.01 -20.87	-0.83	58.75	15.00
	21 GLN CD	-21 58	-0.13 -0.06	56.63	15.00
	21 GLN OE1	-20 99	-10 00	56.16	15 00
	· · · · · · · · · · · · · · · · · · ·		10.02	JU.10	

			1000	250 250 50
21 GLN NE2	-22.84	-8.74	56.29	15.00
21 GLN C	-19.72	-11.10	59.87	15.00
21 GLN 0	-18.50	-11.01	59.66	15.00
22 CYS N	-20.32	-12.22	60.26	- 100 to
22 CYS CA	<b>-19.</b> 59	-13.37	* * * * * * * * * * * * * * * * * * *	15.00
22 CYS C	-20.26	-14.68	60.30	15.00
22 CYS 0	-21.48	-14.80	60.28	15.00
22 CYS CB	-19.48	-13.22	62.25	** *** **** *****
22 CYS SG	-19.02	-14.67	63.24	15.00
23 GLY N	-19.45	-15.65	59.90	15.00
23 GLY CA	-20.01	-16.93	59.52	15.00
23 GLY C	-20.27	-17.81	60.75	15.00
23 GLY O	-19.73	-18.91	60.83	15.00
24 SER N	-21.20	-17.40	61.61	15.00
24 SER CA	-21.49	-18.12	62.84	1.0 All 1. 2
24 SER CB	-21.32	-17.21	64.08	N
24 SER OG	-22.22	-16.10	64.07	15.00
24 SER C	-22.89	-18.73	62.86	4
24 SER O	-23.44	-19.03	63.90	
25 CYS N	-23.46	-18.96	61.69	15.00
25 CYS CA	-24.78	-19.55	61.56	15.00
25 CYS CB	-25.18	-19.59		15.00
25 CYS SG	-24.19	-20.73	59.02	15.00
25 CYS C	-24.80	-20.92	62.24	15.00
25 CYS O	-25.77	-21.25	62.88	15.00
25 INH C1	-14.75	-27.52	To be a start to be William	15.00
25 INH C2	-15.58	-26.77		15.00
25 INH C3	<ul> <li>1 (4) (4) (4) (4) (4) (4) (5) (5) (4).</li> </ul>	-25.44	58.65	
25 INH C4	-14.06	-24.88	59.25	15.00
25 INH C5	-13.21	-25.64	60.14	
25 INH C6	-13.57	-26.96		15.00
25 INH C7	-16.11	-24.63	57.72	15.00
25 INH 08	-17.39	-25.29	57.48	15.00
25 INH C9	-18.43	-24.53	57.00	15.00
25 INH 010	-18.33	-23.63	56.17	15.00
25 INH N11	-19.57	-24.86	57.54	15.00
25 INH C12	-20.88	-24.22	57.23	15.00
25 INH C13	-21.31	-23.29	58.42	15 00
25 INH N14	-21.06	-21.86	58.16	15.00
25 INH C15	-21.68	-21.41	56.87	15.00
25 INH C16	-21.59	-21.00	59.27	15.00
25 INH C17	-22.57	-20.07	58.55	15.00
25 INH C18	-22.15	-19.99	57.10	15.00

		1. A. 1	And the Control of the Control	
25 INH C19	-21.87	-25.40	57.01	15.00
25 INH C20			58.21	
25 INH C21	-22.94	-27.22	58.28	
25 INH C22	-24.00	-25.01	57.98	
25 INH N23	-23.18	-19.45		
25 INH C24		-18.15		
25 INH 025	-22.20	-17.42	56.28	
25 INH C26	-24.25	-17.59	54.91	15.00
25 INH C27		The second of the second of the second	53.43	15.00
25 INH C28	The State of Control o	3. Company No. 2, 5, 19, 1, 1, 5	52.51	15.00
25 INH C29	and the second of the State of		51.66	15.00
25 INH C30	200 Jan 200 April 200 Apri	1 d 1 1000 a 1 1 2 2 1 1 1 1 1	51.69	15.00
25 INH N31		to the light track that is a second	54.92	15.00
25 INH C32	-24.85	and the second of the second	55.87	15.00
25 INH 033		-15.84	56.83	15.00
25 INH 034		-13.96	55.64	15.00
25 INH C35	5 7 7 1 WW 5 5 1	- 1771 Y 1 1 2 5 2 1 1 2 4 2 1	56.80	15.00
25 INH C36	-25.68		56.62	15.00
25 INH C37	million de ministrata de la librar mi	PROTECTION OF THE PROTECTION O	56.86	15.00
25 INH C38		-9.52		15.00
25 INH N39	-27.37	-9.73	56.40	15.00
. 3. 66 (4.30) (4.40) (3.40) (4.40)	-27.85		56.16	
25 INH C41	-27.03		56.26	
25 INH 042	-22.66	-18.72	58.88	15.00
26 TRP N	-23.72	-21.69	62.15	15.00
26 TRP CA		-23.01	62.85	15.00
26 TRP CB	-22.30	-23.65	62.59	15.00
26 TRP CG 26 TRP CD2	وما المعاور مثل ما كرام المال الكارات		63.06	15.00
	-20.40	-22.85	64.28	15.00
26 TRP CE3	-19.44	and the second second	64.22	15.00
	-20.41 -20.71		65.38	15.00
26 TRP CD1 26 TRP NE1	-19.66	-21.70	62.39	15.00
26 TRP CZ2	_18 49	-21.12 -21.56	65.UD	15.00
26 TRP CZ2 26 TRP CZ3	_10.49	-21.36	66.41	15.00
26 TRP CH2	-18 52	_23.43 _22.41	66 33	15.00
26 TRP C	-23.72	-22 83	64 40	15.00
26 TRP 0	-23 97	-23 70	65 16	15.00
27 ALA N	-23.39	-21 64	64 01	15.00
27 ALA CA	-23.50	-21 43	66 36	15.00
27 ALA CB	-22.70	-20 24	66 80	15 00
27 ALA C	-24.98	-21.21	66.72	15 00
27 ALA O	-25.52	-21.89	67.60	15,00
	and the second life for the second	चच्य <b>ा कर</b> ि		.,

28 PHE N	-25.63	-20.27	66.03	15.00
28 PHE CA	-27.02	-19.90	66.31	15.00
28 PHE CB	-27.46	-18.71	65.44	15.00
28 PHE CG	-26.88	-17.40	65.85	15.00
28 PHE CD1	-25.73	-16.87	65.27	15.00
28 PHE CD2	-27.47	-16.73	66.88	15.00
28 PHE CE1	-25.16	-15.71	65.70	15.00
28 PHE CE2	-26.92	-15.57	67.33	15.00
28 PHE CZ	-25.75	-15.04	66.75	
28 PHE C	-27.93	-21.09	66.06	15.00
28 PHE 0	-29.08	-21.05	66.44	15.00
29 SER N	-27.44	-22.09	65.33	15.00
29 SER CA	-28.24	-23.28	65.05	and the second of the second
29 SER CB	-27.74	-23.99	63.81	15.00
29 SER OG	-28.44	-25.21	63.58	15.00
29 SER C	-28.13	-24.15	66.27	
29 SER 0	-29.14	-24.63	66.79	15.00
30 SER N	-26.90	-24.31	66.76	15.00
30 SER CA	-26.64	-25.13	67.94	15.00
30 SER CB	-25.14	-25.24	68.21	15.00
30 SER OG	-24.40	-25.67	67.06	15.00
30 SER C	-27.29	-24.63	69.21	
30 SER 0	-27.66	-25.40	70.08	15.00
31 VAL N	-27.31	-23.32	69.35	15.00
31 VAL CA	-27.89	-22.67	70.51	15.00
31 VAL CB	-27.39	-21.19	70.58	15.00
31 VAL CG1	-28.13	-20.34	71.59	15.00
31 VAL CG2	-25.91	-21.19	70.86	15.00
31 VAL C	-29.41	-22.80	70.55	15.00
31 VAL O	-30.02	-22.96	71.63	15.00
32 GLY N	-29.99	-22.81	69.35	15.00
32 GLY CA	-31.43	-22.91	69.21	15.00
32 GLY C	-31.90	-24.26	69.66	15.00
32 GLY O	-32.81	-24.39	70.47	15.00
33 ALA N	-31.22	-25.29	69.17	15.00
33 ALA CA	-31.51	-26.66	69.53	15.00
33 ALA CB	-30.58	-27.55	68.80	15.00
33 ALA C	-31.38	-26.86	71.06	15.00
33 ALA O	-32.23	-27.54	71.68	15.00
34 LEU N	-30.29	-26.34	71.63	15.00
34 LEU CA	-30.03	-26.45	73.05	15.00
34 LEU CB	-28.72	-25.82	73.41	15.00
34 LEU CG	-27.43	-26.58	73.17	15.00

	34 LEU CD1				
	34 LEU CD2	-27.38	-27.85	74.05	15.00
	34 LEU C	-31.12	-25.73	73.83	15.00
	34 LEU O	-31.65	-26.29	74.80	15.00
	35 GLU N		-24.51	73.44	15.00
Yali.	35 GLU CA	-32.54	-23.76	74.12	15.00
	35 GLU CB				
	35 GLU CG	-31.67	-21.39	73.64	15.00
	35 GLU CD	-31.63	-20.29	72.57	15.00
	35 GLU 0E1	-32.41	-20.37	71.57	15.00
	35 GLU OE2	-30.81	-19.35	72.71	15.00
	35 GLU C	-33.83			15.00
		-34.34			
	36 GLY N	-34.26	-25.10	73.05	15.00
	36 GLY CA	-35.48	-25.91	72.99	15.00
	36 GLY C	-35.58			
	36 GLY O	-36.67	-27.47	74.37	15.00
	37 GLN N				15.00
	37 GLN CA	-34.40	-28.87	75.12	15.00
	37 GLN CB	-33.06	-29.60	74.95	15.00
	37 GLN CG	-32.79			15.00
	37 GLN CD	-33.83			
	37 GLN OE1			73.84	
	37 GLN NE2			72.11	
	37 GLN C	-34.52	-28.38	0	
3 (V.)	37 GLN O	-35.01		77.43	
	38 LEU N	-33.98			the second of th
	38 LEU CA	-34.03	A Committee of the Comm	78.12	
	38 LEU CB			78.14	
	38 LEU CG	-33.24	-24.54		
	38 LEU CD1	-32.61	-25.51	80.46	
	38 LEU CD2				15.00
	38 LEU C	-35.46		78.60	15.00
	38 LEU 0		-27.10	79.58	15.00
	39 LYS N		-25.70		
	39 LYS CA	-37.68	-25.45	78.15	15.00
	39 LYS CB	-38.34			and the second of the second o
	39 LYS CG		-23.74		15.00
	39 LYS CD 39 LYS CE		-24.43	77.83	
	39 LYS NZ		-23.45	78.12	15.00
	39 LYS C	-41.65			
	39 LYS O	-38.42 -39.33			15.00
	JJ 113 U	~33.33	-26.82	79.30	15.00
				*	

WO 97/16					
WO 9//16			TABLE V	m	
	40 LYS N				
	40 LYS CA		-29.14		15.00
	40 LYS CB 40 LYS CG		-30.07		15.00
	40 LYS CD	-39.57 -39.10			
	40 LYS CE		-32.29		15.00
	40 LYS NZ		-32.72 -31.65		
	40 LYS C	-38.08			
	40 LYS O		-30.27		
	41 LYS N		-29.60		
	41 LYS CA		-30.13	80.55	
	41 LYS CB		-29.93		
	41 LYS CG				15.00
	41 LYS CD				
	41 LYS CE				
800 /3 1 . TO THE TALL ? 17 THE THE TALL ?	41 LYS NZ				
	41 LYS C		-29.45		
		-37.34			
<ul> <li>Year Wall State (No. 1)</li> </ul>	42 THR N		-28.25	82.04	15.00
	42 THR CA		-27.48	83.24	
	42 THR CB		-26.94	83.78	
	42 THR OG1		-25.91	82.92	
	42 THR CG2	* * * * * * * * * * * * * * * * * * * *	-28.07	83.79	1. 100 1
	42 THR C		-26.30	83.02	
	42 THR O			83.45	
	43 GLY N	-38.28	-26.52		15.00
	43 GLY CA	-39.26	-25.47	82.12	15.00
	43 GLY C	-38.87	-24.03	81.79	15.00
250 C	43 GLY O	-39.77	-23.21	81.54	15.00
and the second second second	44 LYS N	-37.56	-23.75	81.75	15.00
			-22.41	81.49	15.00
	44 LYS CB		-22.13		
	44 LYS CG		-21.41	83.72	15.00
the second secon			-21.25	84.67	15.00
	44 LYS CE		-20.36		
100 100		-36.56			
		-36.56			
		-35.71	5 / S /		15.00
	45 LEU N	-37.07		-	
	45 LEU CA	-36.70		78.14	
	45 LEU CB	-37.93			
	45 LEU CG		-19.92		
	45 LEU CD1	-57.93	-21.25	75.26	15.00

				t visiki e iwas
45 LEU CD2	-39.40	-19.29	<b>75.</b> 63	15.00
45 LEU C	-35.66	-19.57	78.35	15.00
45 LEU O	-36.00	-18.46	78.71	15.00
46 LEU N	-34.40	-19.94	78.29	15.00
46 LEU CA	-33.30	-18.99	78.50	15.00
46 LEU CB	-32.23	-19.62	79.41	15.00
46 LEU CG	-31.90	-18.84	80.70	15.00
46 LEU CD1	-32.48	-19.56	81.88	1.70 A 1 1.70 A 1.70
46 LEU CD2	-30.35	-18.72	80.89	
46 LEU C	-32.68	-18.70	77.13	15.00
46 LEU O	-32.93	-19.45	76.19	15.00
47 ASN N	-31.92	-17.61	76.99	15.00
47 ASN CA	-31.23	-17.30	75.73	15.00
47 ASN CB	-31.29	-15.79	75.44	15.00
47 ASN CG	-32.61	-15.36	74.77	15.00
47 ASN OD1	-32.68	-15.24	73.55	15.00
47 ASN ND2	-33.63	-15.06	75.58	15.00
47 ASN C	-29.74	-17.70	75.90	15.00
47 ASN 0	-29.01	-16.99	76.58	15.00
48 LEU N	-29.28	-18.80	75.29	15.00
48 LEU CA	-27.88	-19.20	75.45	15.00
48 LEU CB	-27.67	-20.68	75.16	15.00
48 LEU CG	-28.05	-21.69	76.27	15.00
48 LEU CD1	-27.81	-21.07	77.65	15.00
48 LEU CD2	-29.49	-22.12	76.12	15.00
48 LEU C	-26.85	-18.34	74.73	15.00
48 LEU O	-27.20	-17.31	74.23	15.00
49 SER N	-25.58	-18.70	74.74	15.00
49 SER CA	-24.59	-17.83	74.11	15.00
49 SER CB	-23.51	-17.50	75.14	15.00
49 SER OG	-22.32	-17.09	74.51	15.00
49 SER C	-23.93	-18.37	72.87	15.00
49 SER 0	-23.08	-19.27	72.98	15.00
50 PRO N	-24.29	-17.86	71.67	15.00
	-25.31	-16.83	71.34	15.00
	-23.66	-18.36	70.45	15.00
50 PRO CB		-17.67		15.00
50 PRO CG	-24.96			15.00
	-22.18	-17.94	70.44	15.00
50 PRO O	-21.36		69.86	15.00
51 GLN N	-21.82	•	71.13	15.00
51 GLN CA		-16.41	71.17	15.00
51 GLN CB	-20.39	-14.98	71.74	15.00
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51 GLN CG	-19.02	-14.25	71.69	15.00
51 GLN CD	-18.76	-13.61	70.35	15.00
51 GLN OE1	-19.65	-12.97	69.76	15.00
51 GLN NE2	-17.54	-13.79	69.84	15.00
51 GLN C	-19.46	-17.34	71.94	15.00
51 GLN 0	-18.31	* ** ** ** * * * * * * * * * * * * * *	71.53	The second second second
52 ASN N	-19.90	-17.99	73.02	15.00
52 ASN CA	-19.02	-18.91	73.78	15.00
52 ASN CB	-19.79	-19.58		
52 ASN CG	-18.92	-20.56	75.72	
52 ASN OD1	-19.45	-21.25	76.60	15.00
52 ASN ND2	-17.61	-20.58	75.49	15.00
52 ASN C	-18.54	-19.96	72.80	The second of the second
52 ASN O	-17.34		72.69	15.00
53 LEU N		-20.50	72.05	15.00
53 LEU CA	-19.28	10 to	71.00	15.00
53 LEU CB	-20.62	-21.86	70.33	15.00
53 LEU CG	-21.43		70.69	15.00
53 LEU CD1	-21.19	-23.59	72.12	15.00
53 LEU CD2	-22.91	-22.80	70.38	15.00
53 LEU C	-18.28		69.94	
53 LEU 0	-17.34	-21.76	69.60	15.00
54 VAL N		-19.82	69.46	15.00
54 VAL CA	-17.63	-19.27	68.44	15.00
54 VAL CB	-18.01	-17.82	68.09	15.00
54 VAL CG1	-16.94	-17.17	67.25	15.00
54 VAL CG2	-19.32	-17.76	67.40	15.00
54 VAL C	-16.18	-19.32	68.84	15.00
54 VAL O	-15.36	-19.90	68.11	15.00
55 ASP N	-15.88		70.02	15.00
55 ASP CA	-14.53	-18.65	70.58	15.00
55 ASP CB				
55 ASP CG	-14.86	-16.30	71.52	15.00
55 ASP OD1	-14.87	-15.89	70.35	15.00
55 ASP OD2	-15.13	-15.56	72.49	15.00
55 ASP C	-13.87	-19.93	71.08	15.00
55 ASP 0	-12.65	-20.14	70.82	15.00
56 CYS N	-14.62	-20.75	71.81	15.00
56 CYS CA				
56 CYS C	-14.14	-23.23	71.62	15.00
56 CYS O	-13.36	-24.15	71.85	15.00
56 CYS CB	-14.74	-22.17	73.76	15.00
56 CYS SG	-14.67	-20.81	74.99	15.00

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57 VAL N	-15.00	-23.30	70.62	15.00
57 VAL CA	-15.09	-24.53	69.88	
57 VAL CB	-16.51	-24.71	69.30	15.00
57 VAL CG1	-16.66	-26.03	68.70	
57 VAL CG2	-17.56	-24.53	70.42	15.00
57 VAL C	-13.92	-24.66	68.88	15.00
57 VAL 0	-14.05	-24.47	67.68	15.00
58 SER N	-12.79	-25.08	69.43	15.00
58 SER CA	-11.51		68.71	15.00
58 SER CB	-10.43	-25.78	69.66	15.00
58 SER OG	-9.18	-25.96	68.99	15.00
58 SER C	-11.53	-26.13	67.45	15.00
58 SER 0	-10.66	-26.01	66.58	15.00
59 GLU N	-12.54	-26.98	67.36	15.00
59 GLU CA	the state of the s	-27.86	66.21	15.00
59 GLU CB	-13.47	-29.12	66.60	15.00
59 GLU CG		-29.70	68.00	15.00
59 GLU CD	-14.02	-29.15	69.13	15.00
59 GLU OE1	-15.16		69.29	15.00
59 GLU OE2	-13.56	-28.20	69.84	15.00
59 GLU C	-13.30	-27.07	65.05	15.00
59 GLU O		-27.46	63.91	15.00
60 ASN N		-25.93	65.35	15.00
60 ASN CA		-25.14	64.28	15.00
60 ASN CB	-15.92	-24.71	64.63	15.00
60 ASN CG	-16.96	-25.87	64.48	15.00
60 ASN OD1	Andreas Contract	-25.95	65.23	15.00
60 ASN ND2	-16.75		63.50	15.00
60 ASN C	-13.60	-23.94	63.89	15.00
60 ASN O	-12.43	-23.91	64.25	15.00
61 ASP N	-14.11	-23.06	63.02	15.00
61 ASP CA	-13.36			
61 ASP CB	-13.29	-21.96	61.02	15.00
61 ASP CG				
61 ASP OD1	-11.41	-23.42	61.13	15.00
61 ASP OD2	-11.48	-21.91	59.50	15.00
61 ASP C	-13.89	-20.55	62.98	15.00
61 ACD O	12 20	10 40	62 62	15.00
62 GLY N	-14.94	-20.59	63.77	15.00
	23.40	-15.55	04.30	13.00
62 GLY C	-16.16	-18.55	63.21	15.00
62 GLY C 62 GLY O	-17.14	-19.03	62.59	15.00
63 CYS N	-15.70	-17.33	62.93	15.00

## TARI F VIII

		분석하다 하다		
63 CYS CA	-16.40	-16.58	61.91	15.00
63 CYS C	-16.18	-17.07	60.50	15.00
63 CYS O	-16.75	-16.57	59.55	15.00
63 CYS CB	-16.13	-15.11	62.08	15.00
63 CYS SG	-17.00	-14.35	63.54	15.00
64 GLY N	-15.46	-18.19	60.41	15.00
64 GLY CA	-15.19	-18.79	59.11	15.00
64 GLY C	-16.12	-19.97	58.83	15.00
64 GLY O	-16.19	-20.49	57.72	15.00
65 GLY N	-16.79	-20.46	59.86	15.00
65 GLY CA	-17.70	-21.56	59.62	15.00
65 GLY C	-17.39	-22.81	60.42	15.00
65 GLY O	-16.24	-23.13	60.74	15.00
66 GLY N	-18.43	-23.62	60.61	15.00
66 GLY CA	-18.29	-24.85	61.37	15.00
66 GLY C	-19.48	-25.78	61.43	15.00
66 GLY O	-20.57	-25.37	61.00	15.00
67 TYR N	-19.31	-26.94	62.06	15.00
67 TYR CA	-20.37	-27.91	62.16	15.00
67 TYR CB	-19.83	-29.31	61.82	15.00
67 TYR CG	-19.28	-29.38	60.43	15.00
67 TYR CD1	-20.08	-29.14	59.33	15.00
67 TYR CE1	-19.54	-29.09	58.03	15.00
67 TYR CD2	-17.93	-29.57	60.21	15.00
67 TYR CE2	-17.39	-29.52	58.91	15.00
67 TYR CZ	-18.20	-29.27	57.84	15.00
67 TYR OH	-17.70	-29.21	56.59	15.00
67 TYR C	-21.11	-27.86	63.49	15.00
67 TYR O	-20.55	-27.52	64.52	15.00
68 MET N	-22.40	-28.13	63.48	15.00
68 MET CA	-23.12	-28.14	64.76	15.00
68 MET CB	-24.62	-28.23	64.56	15.00
68 MET CG	-25.11	-27.02	63.82	15.00
68 MET SD	-24.76			
68 MET CE	-26.39	-28.14	61.56	15.00
68 MET C	-22.66			
68 MET O	-22.63			
69 THR: N	-22.32			
69 THR CA	-21.87			
	-21.55			
69 THR OG1			63.72	
69 THR CG2			64.29	
69 THR C	-20.65		66.61	15.00

## TARLE VIII

69 THR O		-31.62		15.00
70 ASN N		-30.38	66.11	15.00
70 ASN CA	-18.56	-30.05	66.91	15.00
70 ASN CB		-29.28		15.00
70 ASN CG	-16.83	-30.17	65.02	15.00
70 ASN OD1	-17.07	-31.39	64.94	15.00
70 ASN ND2	-16.02	-29.55	64.17	
70 ASN C	-18.99	-29.22	68.11	15.00
70 ASN O	-18.59	-29.49	69.21	
71 ALA N	-19.95	-28.33	67.87	15.00
71 ALA CA	-20.42	-27.44		15.00
71 ALA CB	-21.27	-26.35		
71 ALA C	-21.15	-28.13	70.05	15.00
71 ALA O	-21.13	-27.69		15.00
72 PHE N	-21.84	-29.22		15.00
72 PHE CA	-22.53	-29.99		1977
72 PHE CB	100	-30.93	70.13	15.00
72 PHE CG	-24.75	-30.22	69.47	
72 PHE CD1	-25.59	-29.41	70.21	15.00
72 PHE CD2	-25.05	-30.41	68.12	15.00
72 PHE CE1	-26.70	-28.82	69.63	15.00
72 PHE CE2	-26.16		67.55	15.00
72 PHE CZ	-26.97	-29.03	68.31	15.00
72 PHE C	-21.49	-30.80	71.51	15.00
72 PHE 0	-21.54	-30.91	72.73	15.00
73 GLN N	-20.55	-31.39	70.78	15.00
73 GLN CA	-19.50		71.39	15.00
73 GLN CB	-18.48	-32.63	70.34	15.00
73 GLN CG	-17.59	-33.74	70.84	15.00
73 GLN CD	-17.19	-34.69	69.73	15.00
73 GLN OE1	-17.48		1,670,000,000,000	15.00
73 GLN NE2	-16.52		68.72	
73 GLN C	-18.81	-31.26	72.43	15.00
73 GLN 0	-18.64	-31.64	73.59	15.00
74 TYR N	-18.39	-30.06	72.02	15.00
74 TYR CA	-17.70	-29.17	72.97	15.00
74 TYR CB	-17.27	-27.85	72.29	15.00
74 TYR CG	-17.25	-26.64	73.21	15.00
74 TYR CD1	-16.09	-26.24	73.83	15.00
74 TYR CE1	-16.11		74.74	
	-18.43			
	-18.46			
	-17.30	-24.57	75.05	
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74 TYR OH	-17.27	-23.57	76.01	15.00
74 TYR C	-18.51	-28.95	74.27	
74 TYR O	-18.01	-29.19	75.35	15.00
75 VAL N	-19.77	-28.61	74.13	15.00
75 VAL CA	-20.68	-28.40	75.27	15.00
75 VAL CB	-22.10	-28.09	74.67	15.00
75 VAL CG1	-23.21	-28.24	75.71	15.00
75 VAL CG2	-22.09	-26.67	74.09	15.00
75 VAL C	-20.70	-29.59	76.29	15.00
75 VAL O	-21.29	-29.50	77.38	15.00
76 GLN N	-20.09	-30.71	75.88	15.00
76 GLN CA	-20.03	-31.93	76.68	15.00
76 GLN CB	-20.30	-33.15	75.77	15.00
76 GLN CG	-20.03	-34.52	76.35	15.00
76 GLN CD	-20.70	-35.58	75.54	15.00
76 GLN 0E1	-21.76	-36.09	75.93	15.00
76 GLN NE2	-20.15	-35.88	74.37	15.00
76 GLN C	-18.70	-32.10	77.39	15.00
76 GLN 0	-18.66		78.61	15.00
77 LYS N	-17.61	-32.20	76.65	15.00
77 LYS CA	-16.31	1	77.28	15.00
77 LYS CB	-15.24	-32.65	76.24	15.00
77 LYS CG	-15.60		75.35	15.00
77 LYS CD		-34.57	74.81	15.00
77 LYS CE		-33.71	73.91	15.00
77 LYS NZ	-12.57	-34.54	73.09	15.00
77 LYS C	-15.94	-31.16		15.00
77 LYS O	-15.31	7.	79.19	15.00
78 ASN N	-16.35	-29.96	77.75	15.00
78 ASN CA		-28.77	78.57	15.00
78 ASN CB	-16.09		77.72	15.00
78 ASN CG	-16.13	-26.22	78.58	15.00
78 ASN OD1	-15.14	-25.84	79.17	15.00
78 ASN ND2 78 ASN C	-17.32	-25.64	78.72	15.00
78 ASN C	-17.17	-28.68	79.66	15.00
78 ASN O	10.00	-21.11	80.49	15.00
79 ARG N 79 ARG CA	_10 10	-29.64	79.64	15.00
79 ARG CR	-19.18 -18.69	-27.09	80.60	15.00
79 ARG CB 79 ARG CG	-18 36	-31.63	81.98	
				15.00
79 ARG NE	-17.79 -16.63	-32 04	03.32	15.00
	-15.39		•	
مرب مسرح حيد	-13.33	-24.40	83.15	12.00

79 ARG NH1	-15.15	-31.19	82.86	15.00
79 ARG NH2	-14.38	-33.34	83.16	15.00
79 ARG C	-20.00	-28.40	80.78	15.00
79 ARG O	-20.27	-27.99	81.91	15.00
80 GLY N	-20.32	-27.70	79.70	15.00
80 GLY CA	-21.14	-26.50	79.88	15.00
80 GLY C	-21.02	-25.34	78.91	15.00
80 GLY O	-19.94	-25.13	78.31	15.00
81 ILE N	-22.13	-24.60	78.78	15.00
81 ILE CA		-23.43	77.92	15.00
81 ILE CB	-23.18	-23.77	76.69	15.00
81 ILE CG2	-24.60	-24.14	77.13	15.00
81 ILE CG1	-23.28	-22.57	75.76	15.00
81 ILE CD1	-24.04	-22.84	74.48	15.00
81 ILE C	-22.91	-22.32	78.75	15.00
81 ILE O	-23.73	-22.62	79.63	15.00
82 ASP N	-22.58	-21.05	78.48	15.00
82 ASP CA	-23.13	-19.92	79.28	15.00
82 ASP CB	-22.13	-18.77	79.29	15.00
82 ASP CG	-20.88	-19.11	80.02	15.00
82 ASP OD1	-19.80	-18.87	79.48	15.00
82 ASP OD2	-20.96	-19.62	81.14	15.00
82 ASP C	-24.47	-19.36	78.83	15.00
82 ASP O	-25.10	-19.90	77.94	15.00
83 SER N	-24.92	-18.31	79.51	15.00
83 SER CA	-26.12	-17.57	79.18	15.00
83 SER CB	-26.70	-16.97	80.48	15.00
83 SER OG	-25.68	-16.38	81.28	15.00
83 SER C	-25.55	-16.45	78.27	15.00
83 SER O	-24.33	-16.24	78.28	15.00
84 GLU N	-26.35	-15.82	77.39	15.00
84 GLU CA	-25.85	-14.72	76.54	15.00
84 GLU CB	-27.00	-13.88	75.94	15.00
84 GLU CG	-27.12	-13.72	74.39	15.00
84 GLU CD	-25.97	-12.97	73.70	15.00
84 GLU OE1	-25.80	-11.74	73.90	15.00
84 GLU OE2	-25.23	-13.64	72.93	15.00
84 GLU C	-25.15	-13.79	77.53	15.00
84 GLU O	-24.00	-13.44	77.37	15.00
85 ASP N	-25.85			
85 ASP CA	-25.31	-12.53	79.65	15.00
85 ASP CB	-26.08	-12.68	80.98	15.00
85 ASP CG	-27.48	-12.06	80.94	15.00

			and the second of the second		
	85 ASP OD1	-28.41	-12.76	81.40	15.00
	85 ASP OD2	-27.63	-10.90	80.45	15.00
	85 ASP C		-12.67		
	85 ASP 0	-23.07		80.00	
	86 ALA N	-23.36	-13.90		
	86 ALA CA				15.00
	86 ALA CB	-21.89	-15.55		
	86 ALA C		-14.20		
$\mathbb{N}_{p}^{2}$	86 ALA 0	-19.76		<ul> <li>1. 200 ft ft 1. 200 ft 2</li></ul>	15.00
	87 TYR N		-14.11		
	87 TYR CA	-20.74	-14.13	76.99	15 00
	87 TYR CB	-20.41	-15.60	76.66	15 00
	87 TYR CG	-18.96	-15.90	76.36	15.00
	87 TYR CD1	-18.23	-15.14		15.00
	87 TYR CE1				15 00
	87 TYR CD2	-18.34	-16.98	76.94	15.00
	87 TYR CE2	-17.04	-17.27	7665	15.00
	87 TYR CZ	-16.35	-16.52	75.79	15.00
		-15.09			
	87 TYR C	-21.57			
:· · .	87 TYR O	-21.88	-14.19	74.89	15.00
	88 PRO N	-21.98	-12.22	75.98	15.00
· :	88 PRO CD	-21.70	-11.28	77.08	15.00
	88 PRO CA	-22.78			
	88 PRO CB	-22.84		75.41	
	88 PRO CG	-22.78	A SECTION OF THE SECTION	76.93	15.00
•	88 PRO C	-22.14	A CANADA C	73.54	75 T SY 1 OF SY 11
i Listoria	88 PRO O		-11.95		
	89 TYR N		-11.62		15.00
٠	89 TYR CA	-22.50			15.00
 *2 g	89 TYR CB	-23.64	-12.25		15.00
	89 TYR CG	-23.22	-12.67	68 82	15 00
	89 TYR CD1	-22.42	-13.82	68.64	15.00
	89 TYR CE1	-22.03	-14.24	67.35	15.00
	89 TYR CD2	-23.62	-11.92	67.68	15.00
• .[.:	89 TYR CE2	-23.24	-12.31	66.41	15.00
	89 TYR CZ	-22.44	-13.47	66.24	15.00
:	89 TYR OH	-22.00	-13.78	64.96	15.00
	89 TYR C	-21.91	-10.45	70.58	15.00
· ?	89 TYR O	-22.53	-9.40	70.70	15.00
 	90 VAL N	-20.67	-10.51	70.08	15.00
	90 VAL CA	-19.98	-9.36	69.50	15.00
· .	90 VAL CB		-8.92		

* 4.5				
90 VAL CG1	-19.17	-8.55	71.75	15.00
90 VAL CG2	and the second second second	-9.99	70.28	15.00
90 VAL C	-19.58	-9.60	68.03	
90 VAL O	-18.77	-8.86	67.47	15.00
91 GLY N	-20.12	-10.65	67.43	15.00
91 GLY CA	-19.85	-10.97	66.03	15.00
91 GLY C	-18.40	-10.89	65.56	15.00
91 GLY O	-18.09	-10.75	64.36	15.00
92 GLN N	-17.49	-11.02		15.00
92 GLN CA	-16.08	-10.99	66.22	15.00
92 GLN CB	-15.44	-9.73	66.78	15.00
92 GLN CG	-14.07	-9.49	66.26	15.00
92 GLN CD	-13.74	-8.01	66.30	15.00
92 GLN OE1	-13.84	-7.29	65.30	15.00
92 GLN NE2	-13.35	-7.54	67.49	15.00
92 GLN C	-15.63	-12.18	67.00	15.00
92 GLN 0	-16.16	-12.45	68.08	15.00
93 GLU N	-14.75	-12.96	66.42	15.00
93 GLU CA	-14.27	-14.11	67.13	15.00
93 GLU CB	-13.67	-15.14	66.19	15.00
93 GLU CG	-13.54	-16.51	66.82	15.00
93 GLU CD	-12.31	-17.23	66.33	15.00
93 GLU OE1	-11.79	-18.11	67.03	15.00
93 GLU OE2	-11.86	-16.90	65.23	15.00
93 GLU C	-13.17	-13.56	68.00	15.00
93 GLU O	-12.58	-12.52	67.67	15.00
94 GLU N	-12.98	-14.19	69.17	15.00
94 GLU CA	-11.95	-13.83	70.12	15.00
94 GLU CB	-12.45	-12.76	71.08	15.00
94 GLU CG		-11.78	70.55	15.00
94 GLU CD		-10.49	71.28	15.00
94 GLU OE1	-12.35	-9.77	71.16	15.00
94 GLU OE2	-14.28	-10.18	72.03	15.00
94 GLU C	-11.52	-15.03	70.95	15.00
94 GLU O	-12.21	-16.05	71.03	15.00
95 SER N	-10.46	-14.79	71.73	15.00
95 SER CA	-9.89	-15.79	72.60	15.00
95 SER CB	-8.61 -	-15.24	73.23	15.00
95 SER OG	-7.71	-14.80	72.23	15.00
95 SER C	-10.92 -	-16.24	73.63	15.00
	-11.66 -	15.42	74.18	15.00
96 CYS N	-10.99 -	-17.55	73.82	15.00
96 CYS CA	-11.94	18.19	74.74	15.00

96 CYS C	-11.83	-17.70	76.17	15.00
96 CYS O	-10.75	-17.73	76.79	15.00
96 CYS CB	-11.80	-19.73	74.68	15.00
96 CYS SG	-12.78	-20.81	75.78	15.00
97 MET N	-12.97	-17.26	76.69	15.00
97 MET CA	-13.10	-16.73	78.03	15.00
97 MET CB	-13.17	-15.20	78.02	15.00
97 MET CG	-12.67	-14.49	79.27	15.00
97 MET SD	-10.82	-14.26	79.19	15.00
97 MET CE	-10.31	-15.40	80.50	15.00
97 MET C	-14.34	-17.32	78.74	15.00
97 MET 0	-15.06	-16.60	79.42	15.00
98 TYR N	-14.60	-18.61	78.59	15.00
98 TYR CA	-15.74	-19.28	79.24	15.00
98 TYR CB	-15.63	-20.78	79.00	15.00
98 TYR CG	-16.63	-21.59	79.77	15.00
98 TYR CD1	-17.98	-21.47	79.50	15.00
98 TYR CE1	-18.91	-22.15	80.24	15.00
98 TYR CD2	-16.22	-22.44	80.82	15.00
98 TYR CE2	-17.15	-23.16	81.58	15.00
98 TYR CZ	-18.51	-22.99	81.27	15.00
98 TYR OH	-19.51	-23.63	81.97	15.00
98 TYR C	-15.85	-19.00	80.73	15.00
98 TYR O	-14.85	-18.70	81.38	15.00
99 ASN N	-17.06	-19.08	81.26	15.00
99 ASN CA	-17.25	-18.79	82.67	15.00
99 ASN CB	-17.77	-17.37	82.86	15.00
99 ASN CG	-17.78	-16.95	84.33	15.00
99 ASN OD1	-18.62	-17.40	85.11	15.00
99 ASN ND2	-16.82	-16.11	84.70	15.00
99 ASN C	-18.13		83.47	15.00
99 ASN 0	-19.36	-19.70	83.36	15.00
100 PRO N	-17.51	-20.60	84.28	15.00
100 PRO CD	-16.06	-20.90	84.34	15.00
	-18.26	-21.55	85.10	15.00
	-17.25			
100 PRO CG	-15.98	-22.00	85.45	15.00
100 PRO C	-19.56	-21.03	85.71	15.00
100 PRO O	-20.61	-21.68	85.55	15.00
101 THR N	-19.48	-19.89	86.41	15.00
	-20.63			
101 THR CB	-20.18	-18.20	88.13	15.00
101 THR OG1	-19.04	-17.45	87.66	15.00
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			Jan A. Dele	
101 THR CG2	-19.82	-18.87	89.46	15.00
101 THR C	-21.77		86.17	15.00
101 THR O	-22.95	-18.78	86.56	15.00
102 GLY N	-21.40	-18.68	84.91	15.00
102 GLY CA	-22.35	-18.33	83.88	15.00
102 GLY C	-23.27	-19.50	83.58	15.00
102 GLY 0	-24.47	-19.30	83.42	15.00
103 LYS N	-22.68	-20.69	83.38	15.00
103 LYS CA	-23.39	-21.95	83.13	15.00
103 LYS CB	-22.95		84.16	15.00
103 LYS CG	-23.73	-24.31	84.12	15.00
103 LYS CD	-23.11	-25.38	85.05	15.00
103 LYS CE	-21.69	-25.76	84.61	15.00
103 LYS NZ	-21.01		85.56	15.00
103 LYS C	-24.90		83.20	15.00
103 LYS 0	-25.45	-21.45	84.23	15.00
104 ALA N	-25.58	-22.16	82.10	15.00
104 ALA CA	-27.05	-22.11	82.04	15.00
104 ALA CB	-27.54	-20.84	81.26	15.00
104 ALA C	-27.64	-23.39	81.42	15.00
104 ALA O	-28.85	-23.61	81.42	15.00
105 ALA N	-26.79	-24.26	80.92	15.00
105 ALA CA	-27.24	-25.50	80.30	15.00
105 ALA CB	-28.05	-25.22	79.03	15.00
105 ALA C	-26.03	-26.35	79.97	15.00
105 ALA O	-24.88	-25.90	80.04	15.00
106 LYS N	-26.32	-27.59	79.60	15.00
106 LYS CA	-25.32	-28.57	79.25	15.00
106 LYS CB	-24.74	-29.13	80.55	15.00
106 LYS CG	-23.71	-30.22	80.42	15.00
106 LYS CD	-23.54	-30.96	81.75	15.00
106 LYS CE	-24.85	-31.60	82.15	15.00
106 LYS NZ	-24.61	-32.90	82.82	15.00
106 LYS C	-26.09	-29.63	78.43	15.00
106 LYS O	-27.32	-29.62	78.34	15.00
	-25.36			
107 CYS CA				
107 CYS CB	-26.06	-31.11	75.50	15.00
107 CYS SG				
	-25.07			15.00
107 CYS O	-23.85	-32.54	77.25	15.00
108 ARG N	-25.62			
108 ARG CA	-24.80	-35.12	77.17	15.00

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108 ARG CB	-25.28	-36.03	78.28	15.00
108 ARG CG	-25.35	-35.42	79.64	15.00
108 ARG CD	-25.75	-36.49	80.66	15.00
108 ARG NE	-27.18	-36.72	80.71	15.00
108 ARG CZ	-27.75	-37.86	81.09	15.00
108 ARG NH1	-27.00	-38.90	81.43	15.00
108 ARG NH2	-29.07	-37.94	81.22	15.00
108 ARG C	-24.85	-35.89	75.85	15.00
108 ARG O	-25.59	-36.87	75.72	15.00
109 GLY N	-24.11	-35.40	74.87	15.00
109 GLY CA	-24.05	-36.03	73.57	15.00
109 GLY C	-24.99	-35.44	72.55	15.00
109 GLY 0	-25.58	-34.38	72.78	15.00
110 TYR N	-25.00	-36.06	71.36	15.00
110 TYR CA	-25.86	-35.67	70.23	15.00
110 TYR CB	-25.19	-34.54	69.43	15.00
110 TYR CG	-23.92	-34.95	68.76	15.00
110 TYR CD1	-22.72	-34.87	69.39	15.00
110 TYR CE1	-21.60	-35.34	68.80	15.00
110 TYR CD2	-23.95	-35.49	67.52	15.00
110 TYR CE2	-22.82	-35.97	66.92	15.00
110 TYR CZ	-21.64	-35.90	67.55	15.00
110 TYR OH	-20.45	-36.35	66.94	15.00
110 TYR C	-26.23	-36.85	69.29	15.00
110 TYR 0	-25.46	-37.79	69.07	15.00
111 ARG N	-27.40	-36.72	68.69	15.00
111 ARG CA	-27.92	-37.70	67.75	15.00
111 ARG CB	-29.27	-38.26	68.26	15.00
111 ARG CG	-29.50	-39.79	68.03	15.00
111 ARG CD	-28.98	-40.22	66.68	15.00
111 ARG NE	-29.52	-41.47	66.17	15.00
111 ARG CZ	-30.81	-41.70	65.92	15.00
111 ARG NH1	-31.74	-40 77	66 15	15 00
III ARG NH2	-31.18	-42.86	65.41	15.00
111 ARG C	-28.09	-37.07	66.36	15.00
111 ARG O	-28.58	-35.94	66.20	15.00
112 GLU N 112 GLU CA	-27.59	-37.78	65.36	15.00
112 GLU CA	-27.69	-37.35	63.96	15.00
112 GLU CB	-26.37	-37.55	63.21	15.00
112 GLU CG	-25.23	-36.68	63.74	15.00
TIS GLO CD	-23.92	-36.94	63.06	15.00
112 GLU OE1	-23.53	-36.15	62.19	15.00
112 GLU OE2	-23.25	-37.90	63.42	15.00

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112 GLU C	-28.84	-38.09	63.31	15.00
112 GLU 0	-29.00	-39.31		
113 ILE N	-29.66	-37.35		
113 ILE CA	-30.83	-37.86		
113 ILE CB	-31.89	-36.74		15.00
113 ILE CG2	-32.92			15.00
113 ILE CG1	-32.57			15.00
113 ILE CD1	-33.32	-35.23		15.00
113 ILE C	-30.46			15.00
113 ILE 0	-29.74			15.00
114 PRO N	-30.93			15.00
114 PRO CD	-31.77			15.00
114 PRO CA	-30.66	-40.27		
114 PRO CB	-31.85			15.00
114 PRO CG	-31.86		60.07	15.00
114 PRO C		-39.34		15.00
114 PRO 0	-31.62		57.20	15.00
115 GLU N	-29.44		57.05	15.00
115 GLU CA	-29.18		55.87	15.00
115 GLU CB	-27.80	-38.78	55.30	15.00
115 GLU CG		-38.41	53.84	15.00
115 GLU CD	-26.48		53.21	15.00
115 GLU 0E1	-26.78		52.85	15.00
115 GLU OE2		-38.75	53.12	15.00
115 GLU C	-30.20	-38.50	54.78	15.00
115 GLU 0		-39.53	54.16	15.00
116 GLY N	-30.90			15.00
116 GLY CA	-31.88		53.52	15.00
116 GLY C		-37.78	53.79	15.00
116 GLY 0	-34.11		52.87	15.00
117 ASN N		-38.25	55.01	15.00
117 ASN CA	-34 80	_20 72	EE 36	
117 ASN CB	-34.76	-40.00	56.22	15.00
117 ASN CG	-36.06	-40.77	56.33	15 00
117 ASN OD1		-40.29	55.89	15.00
117 ASN ND2		-41.96		
117 ASN C	-35.76	-37.69	56 07	15.00
	-35.55	-37.38	57 23	15 00
118 GLU N	-36.72	-37.13	55.34	15.00
118 GLU CA	-37.65	-36.15	55.89	15.00
118 GLU CB	-38.29	-35.34	54.78	15.00
		-34.44		
118 GLU CD		-33.61		

		A		
118 GLU OE1	-38.09	-34.08	51.85	15.00
118 GLU OE2	-38.48			1866 - 1 - 11 July 1964 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
118 GLU C	-38.73	-36.78		
118 GLU 0	-39.42	-36.09		
119 LYS N		-38.11	A CONTRACTOR OF THE PARTY OF TH	1. 93,4794 (49,777)
119 LYS CA	-39.82			
119 LYS CB	-40.11		56.91	15.00
119 LYS CG	-40.84			
119 LYS CD	-41.21	-42.46		
119 LYS CE	-39.98	-43.29	56.80	and the second of the second
119 LYS NZ	-38.99	-43.60	57.92	
119 LYS C	-39.24	-38.95	58.88	on the property of the second
119 LYS O	-39.97	-38.92		
120 ALA N	-37.92	-39.06		15.00
120 ALA CA	-37.26	-39.21	60.24	A second of the second
120 ALA CB	-35.86	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60.05	15.00
120 ALA C	-37.20	-37.84	60.87	15.00
120 ALA 0	-37.26	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	62.09	
121 LEU N	-37.08		60.03	15.00
121 LEU CA	-36.98	-35.45	60.51	15.00
121 LEU CB	-36.44		59.41	15.00
121 LEU CG	-36.17	1. 200 Kill (1.00 Kill)	59.73	15.00
121 LEU CD1	-35.09	-32.86	60.74	15.00
121 LEU CD2	-35.74	-32.40	58.46	15.00
121 LEU C	-38.30	-34.95	61.07	15.00
121 LEU O	-38.33	-34.36	62.16	15.00
122 LYS N	-39.40		60.39	15.00
122 LYS CA	-40.71	-34.88	60.89	15.00
122 LYS CB	-41.80	-35.31	59.90	15.00
122 LYS CG	-43.25	-35.03	60.34	15.00
122 LYS CD	-44.28		59.47	
122 LYS CE	-45.67			
122 LYS NZ	-46.60	-36.58	59.32	15.00
122 LYS C	-40.88	-35.54	62 26	15 00
122 LYS 0	-41.33	-34.90	63.22	15 00
123 ARG N	-40.48	-36.81	62.38	15.00
123 ARG CA	-40.58	-37.50	63 65	15 00
123 ARG CB	-40.25	-38.98	63.52	15.00
123 ARG CG	-41.30	-39.84	62.88	15.00
123 ARG CD	-41.30	-41.21	63.51	15.00
L23 ARG NE	-39.95	-41.78	63.60	15.00
L23 ARG CZ	-39.25	-42.23	62.56	
123 ARG NH1	-39.75	-42.19	61.32	15.00

## **CABLE VIII**

123 ARG NH2	-38.05	-42.77	62.77	15.00
123 ARG C		-36.88		
123 ARG O	-40.18	-36.62		
124 ALA N	-38.45	-36.57	64.41	
124 ALA CA	-37.57	-35.99	65.43	15.00
124 ALA CB	-36.19	-35.74	64.86	15.00
124 ALA C	-38.12	-34.71	66.02	15.00
124 ALA O	-38.00	-34.46	67.22	15.00
125 VAL N	-38.77	Control of the contro		
125 VAL CA	-39.36	-32.62	65.52	15.00
125 VAL CB	-39.54	-31.74	64.24	15.00
125 VAL CG1	-40.40	-30.50	64.54	15.00
125 VAL CG2	-38.15	-31.36	63.70	15.00
125 VAL C	-40.70	-32.75	66.24	
125 VAL 0	-41.14	-31.81	66.92	
126 ALA N	-41.40	-33.85	66.02	15.00
126 ALA CA	-42.67	-34.05	66.68	
126 ALA CB	-43.57	-35.00	65.86	· · · · · · · · · · · · · · · · · ·
126 ALA C	-42.42	-34.59	68.08	15.00
126 ALA O	-42.99	-34.11	69.06	
127 ARG N			68.18	15.00
127 ARG CA	-41.15	-36.15	69.47	15.00
127 ARG CB	-40.71	-37.61	69.26	15.00
127 ARG CG	-41.77	-38.56	68.76	15.00
127 ARG CD	-42.88	-38.82	69.77	15.00
127 ARG NE	-43.75	-39.92	69.33	15.00
127 ARG CZ	-44.83	-40.35	69.98	15.00
127 ARG NH1		-41.36		15.00
127 ARG NH2	-45.21	-39.78	71.13	15.00
127 ARG C		-35.44	70.36	15.00
127 ARG 0	-40.28		71.58	15.00
128 VAL N	-39.07	-34.89	69.76	15.00
128 VAL CA	-37.97	-34.24	70.49	15.00
128 VAL CB	-36.63	-34.58	69.81	15.00
128 VAL CG1	-35.45	-34.03	70.61	15.00
128 VAL CG2	-36.48	-36.07	69.66	15.00
128 VAL C	-38.10	-32.73	70.56	15.00
128 VAL 0	-37.92	-32.12	71.63	15.00
	-38.44	-32.14	69.42	15.00
129 GLY CA	-38.57	-30.70	69.33	15.00
129 GLY C	-37.60	-30.09	68.33	15.00
129 GLY 0	-37.12	-30.79	67.45	15.00
130 PRO N	-37.31	-28.77	68.42	15.00
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130 PRO CD	-37.83	-27.89	69.47	15.00
130 PRO CA		-28.02		15.00
130 PRO CB		-26.77		15.00
130 PRO CG	-37.40	-26.52	68.98	15.00
130 PRO C	-35.13	-28.78	67.19	15.00
130 PRO O	-34.38	-29.24	68.05	15.00
131 VAL N	-34.91	-28.91	65.89	15.00
131 VAL CA	-33.78	-29.63	65.37	15.00
131 VAL CB		-30.83	64.56	15.00
131 VAL CG1		-31.52	63.87	15.00
131 VAL CG2	-35.02		65.47	15.00
131 VAL C		-28.75	64.48	15.00
131 VAL 0		-28.02	to the same and the same	
132 SER N	-31.60			
132 SER CA		-28.13	63.91	15.00
132 SER CB	-29.21		64.54	15.00
132 SER OG		-27.37	7 - 5 - 6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	12 Mars 1 (20 m)
	-30.50		62.50	15.00
132 SER O	-30.34		62.34	
133 VAL N	-30.47	-27.87	61.50	
133 VAL CA		12. A. W.S. O. S. M. Paterna.	. 1 . 5 15 5 . 15	15.00
133 VAL CB			59.45	
133 VAL CG1	-32.73		60.17	15.00
133 VAL CG2	-32.30		59.41	
133 VAL C	-29.52		59.35	
133 VAL 0	-29.29		W. 100 1	
134 ALA N	-29.14			15.00
134 ALA CA 134 ALA CB	-28.32		57.22	15.00
	-26.99			
134 ALA O	-29.14			15.00
135 ILE N	-29.99 -28.79	-21.92	55.71	15.00
135 ILE CA	-20.79	-25.03	53.09 53.03	15.00
135 ILE CB	-30 82	-25.33	54.04	15.00
135 ILE CB 135 ILE CG2	-31 90	-26 00	54.64	15.00
135 ILE CG1	-30.57	-23 83	54.09	15.00
135 ILE CD1	-31.76	-22 91	54 86	15.00
135 ILE C	-28.69	-25.16	52 82	15.00
135 ILE 0	-27.58	-24.73	53 10	15 00
136 ASP N	-29.20	-25.10	51.61	15.00
136 ASP CA	-28.56	-24.32	50.56	15.00
136 ASP CB	-28.74	-24.95	49.18	15.00
136 ASP CG	-28.23	-24.06	48.08	15.00
			-,	

			•	
136 ASP OD1	-28.28	-24.45	46.91	15.00
136 ASP OD2	-27.73			
136 ASP C		-23.01		
136 ASP 0		-22.93		15.00
137 ALA N		-21.94		
137 ALA CA	-29.23		1. 15 The 1. 15 The 1. 15 The 1.	15.00
137 ALA CB		-20.22		
137 ALA C	-28.65			
137 ALA O	-28.89		50.30	15.00
138 SER N		-19.97		
138 SER CA	-27.34	-19.06	48.03	15.00
138 SER CB		-19.80		15.00
138 SER OG	-26.71	and the second second	47.02	15.00
138 SER C	-28.32			15.00
138 SER O		-17.29	46.57	15.00
139 LEU N		-19.14		15.00
139 LEU CA		-18.68		15.00
the same of the sa	-31.60		45.83	15.00
139 LEU CG	-31.57		44.76	15.00
139 LEU CD1		127	43.39	
139 LEU CD2	-30.29	The Court of the C		
139 LEU C	-30.95		46.25	***
139 LEU O	-31.39		47.37	15.00
140 THR N	-30.99	-16.39	45.28	15.00
140 THR CA	CALAGRAPH TO SERVICE TO A		45.54	15.00
140 THR CB			44.30	**************************************
140 THR OG1			43.13	4.5
140 THR CG2	-30.00		44.59	
140 THR C	-32.86		46.00	15.00
140 THR O	-33.25		46.66	15.00
141 SER N		-15.99		15.00
1.41 CPD C3	36 6-	المقاصفات		36
141 SER CB	-35.80	-17.14	45.35	15.00
141 SER OG	-34.95	-18.27	45.17	15.00
141 SER C	-35.15	-16.16	47 60	15.00
141 SER 0	-35.95	-15.48	48.25	15.00
142 PHE N	-34.23	-16.95	48.15	15.00
142 PHE CA	-34.11	-17 19	49 58	15 00
142 PHE CB	-32.92	-18:13	49.84	15.00
142 PHE CG	-32.94	-18.73	51.21	15.00
142 PHE CD1	-33.41	-20.03	51.41	15.00
142 PHE CD2	-32.54	-17.97	52.34	15.00
142 PHE CE1	-33.50	-20.55	52.67	15.00
	9 - 1 - 1 - 1			

Wilder 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			• • • •	
142 PHE CE2	-32.63	-18.49	53.60	15.00
142 PHE CZ	-33.10	-19.77	53.78	15.00
142 PHE C	-33.90	-15.87	**	15.00
142 PHE 0	-34.57	-15.60		15.00
143 GLN N	-33.02	-15.01	49.84	15.00
143 GLN CA	-32.74	-13.74	50.49	15.00
143 GLN CB	-31.45	-13.14	49.95	15.00
143 GLN CG	-30.34	. 1 5000 1 14 24 24 100 1	49.75	15.00
143 GLN CD	-29.07	-13.49	49.24	15.00
143 GLN OE1	-29.02	-12.26	49.08	15.00
143 GLN NE2	-28.02	-14.29	49.00	15.00
143 GLN C	the state of the state of the	-12.76	50.35	15.00
143 GLN 0	-34.20	-12.02	51.29	15.00
144 PHE N	-34.58	-12.77	49.20	15.00
144 PHE CA	-35.72	-11.87	49.00	15.00
144 PHE CB	-35.76	-11.31	47.56	15.00
144 PHE CG	-34.56	-10.48		15.00
144 PHE CD1	-34.12	-9.49	48.08	15.00
144 PHE CD2	-33.89	-10.69	46.02	15.00
144 PHE CE1	-33.03	-8.71	47.77	15.00
144 PHE CE2	-32.80	-9.92	45.68	15.00
144 PHE CZ	-32.36	-8.93	46.55	15.00
144 PHE C	-37.07	-12.48	49.36	15.00
144 PHE 0	-38.09	-11.81	49.24	15.00
145 TYR N	-37.08	-13.74	49.80	15.00
145 TYR CA	-38.31	-14.45	50.22	15.00
145 TYR CB	-37.94	-15.77	50.96	15.00
145 TYR CG	-39.07	-16.36	51.80	15.00
145 TYR CD1	-39.94	-17.34	51.29	15.00
145 TYR CE1	-41.00	-17.82	52.05	15.00
145 TYR CD2	-39.30	-15.88	53.10	15.00
145 TYR CE2	-40.33	-16.32	53.86	15.00
145 TYR CZ	-41.19	-17.29	53.34	15.00
145 TYR OH	-42.25	-17.67	54.16	15.00
145 TYR C	-39.14	-13.55	51.14	15.00
145 TYR 0	-38.60	-12.81	51.97	15.00
146 SER N	-40.45	-13.64	51.02	15.00
TAO DEK CH	-41.31	-12.83	51.88	15.00
146 SER CB	-41.74	-11.55	51.16	15.00
146 SER OG	-40.94	-10.40	51.51	15.00
146 SER C	-42.53	-13.55	52.45	15.00
146 SER 0	-42.89	-13.33	53.61	15.00
147 LYS N	-43.15	-14.44	51.68	15.00

147 LYS CA	-44.33	-15.12	52.17	15.00
147 LYS CB	-45.53	-14.22	51.94	15.00
147 LYS CG	-45.80	-13.23	53.02	15.00
147 LYS CD	-46.76	-12.13	52.55	15.00
147 LYS CE	-47.91	-12.66	51.67	15.00
147 LYS NZ	-48.65	-13.77	52.35	
147 LYS C	-44.63	-16.41	51.41	15.00
147 LYS 0	-44.45	-16.45	50.20	15.00
148 GLY N	-45.09	-17.43	52.10	15.00
148 GLY CA	-45.45	-18.66	51.42	15.00
148 GLY C	-44.53	-19.82	51.65	15.00
148 GLY 0	-43.56	-19.73	52.41	15.00
149 VAL N	-44.79	-20.91	50.92	15.00
149 VAL CA	-43.99	-22.13	50.98	15.00
149 VAL CB	-44.85	-23.39	50.69	15.00
149 VAL CG1	-43.98	-24.66	50.78	15.00
149 VAL CG2	-45.98	-23.43	51.62	15.00
149 VAL C	-42.91	-22.02	49.90	15.00
149 VAL 0	-43.22	-22.06	48.72	15.00
150 TYR N	-41.68	-21.79	50.34	15.00
150 TYR CA	-40.49	-21.66	49.49	15.00
150 TYR CB	-39.31	-21.17	50.33	15.00
150 TYR CG	-38.07	-21.02	49.48	15.00
150 TYR CD1	-37.90	-19.91	48.65	15.00
150 TYR CE1	-36.75	-19.75	47.90	15.00
150 TYR CD2	-37.05	-21.97	49.52	15.00
150 TYR CE2	-35.89	-21.82	48.77	15.00
150 TYR CZ	-35.75	-20.71	47.97	15.00
150 TYR OH	-34.59	-20.55	47.26	15.00
150 TYR C	-40.04	-22.89	48.73	15.00
150 TYR O	-39.72	-23.95	49.29	15.00
151 TYR N	-39.88	-22.68	47.44	15.00
151 TYR CA	-39.46	-23.73	46.54	15.00
151 TYR CB	-40.63	-24.64	46.18	15:00
151 TYR CG	-40.18	-25.91	45.48	15.00
151 TYR CD1	-39.56	-26.99	46.24	15.00
151 TYR CE1	-39.05	-28.12	45.59	15.00
151 TYR CD2	-40.31	-25.99	44.05	15.00
151 TYR CE2	-39.83	-27.07	43.37	15.00
151 TYR CZ	-39.19	-28.15	44.13	15.00
151 TVR OH	-38 66	20.25	42 41	15 00
151 TYR C	-38.86	-23.09	45.29	15.00
151 TYR O	-39.45	-22.21	44.68	15.00

WO 97/16177		:		PCT/US96/17512

NIO DAILCEAN	*			Devocation and
WO 97/16177		A DI T	1 20	PCT/US96/17512
		ABLE VI	ll .	
152 ASP N	-37.66 -	23.52	44.96	15.00
152 ASP CA	-36.90 -	23.04	43.81	15.00
152 ASP CB	-35.90 -	21.97	44.26	15 00
152 ASP CG	-35.26 -	21.25	43.08	15.00
152 ASP OD1	-35.42 -	20.01	42.99	15.00
152 ASP OD2	-34.63 -	21.92	42.23	15.00
152 ASP C	-36.16 -	24.28	43.31	15.00
152 ASP O	-35.56 -	25.00	44.09	15.00
153 GLU N	-36.16 -	24.49	42.00	15.00
153 GLU CA	-35.56 -	25.67	41.38	15.00
153 GLU CB	-36.09 -	25.74	39.97	15.00
153 GLU CG	-35.94 -	24.42	39.26	15.00
153 GLU CD	-36.44 -	24.48	37.83	15.00
153 GLU OE1	-35.63 -2	24.12	36.94	15.00
153 GLU 0E2				
153 GLU C	-34.04 -2	25.70	41.31	15.00
153 GLU O	-33.47 -2			
154 SER N				
	-31.95 -2			
154 SER CB	-31.59 -2	23.07	41.09	15.00
154 SER OG	A A CONTRACTOR OF THE SECOND S		39.85	
154 SER C	-31.28 -2	24.79	42.91	15.00
154 SER O				15.00
155 CYS N				15.00
155 CYS CA	-31.55 -2			
155 CYS C		6.84		15.00
155 CYS 0			45.08	15.00
155 CYS CB	The state of the s		46.33	15.00
155 CYS SG			47.82	15.00
156 ASN N			45.39	15.00
156 ASN CA	-28.70 -2		45.38	15.00
156 ASN CB	The second secon		44.99	15.00
156 ASN CG 156 ASN OD1			44.35	15.00
156 ASN ND2			44.62	15.00
	-25.58 -2		43.51	15.00
	9.74 × 1	92-	2.3.6.5.6	15.00
		the product of the contract of	47.70	15.00
		en falleti erre	46.73	15.00
			47.95	15.00
	-29.77 -3; -31.03 -3;		47.70	15.00
			47.10	15.00
			48.43	15.00
25" SER U	- <i>61</i> - 40 - 1-3;	1.52	49.54	15.00
			+ .	

158 ASP N	-26.71	-30.93	47.55	15.00
158 ASP CA	-25.34	-31.23	47.91	
158 ASP CB	-24.69	-32.07	46.78	15.00
158 ASP CG	-25.32	-33.44	46.67	15.00
158 ASP OD1	-26.15	-33.63	45.75	15.00
158 ASP OD2	-25.05	-34.30	47.55	15.00
158 ASP C	-24.46	-30.07	48.28	15.00
158 ASP 0	-23.27	-30.25	48.57	
159 ASN N	-25.05	-28.88	48.29	
159 ASN CA	-24.30	-27.69	48.61	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
159 ASN CB	-24.34	-26.74	47.42	15.00
159 ASN CG	-23.51	-25.49	47.62	15.00
159 ASN OD1	-22.35	-25.55	48.00	15.00
159 ASN ND2	-24.12	-24.33	47.38	15.00
159 ASN C		-27.03	49.82	15.00
159 ASN 0	-25.67		49.68	15.00
160 LEU N	-24.68	12 (1 ) 1 (1 ) (1 ) (1 ) (2 )	50.99	15.00
160 LEU CA		-27.07	52.24	15.00
160 LEU CB	-25.06	in a little fill through the	53.29	15.00
160 LEU CG	-25.72	-29.45	52.83	15.00
160 LEU CD1	-25.24	-30.64	53.62	15.00
160 LEU CD2	-27.22	6.77	52.91	15.00
160 LEU C			52.63	15.00
160 LEU O	-23.06		52.92	15.00
161 ASN N	-24.73	-24.74	52.74	15.00
161 ASN CA		-23.58	53.10	15.00
161 ASN CB		-22.78	51.83	15.00
161 ASN CG	-24.84		the second of th	15.00
161 ASN OD1	-25.71	-21.74	51.22	15.00
161 ASN ND2	-24.92	-23.31	49.84	15.00
161 ASN C	-24.42	and the second of the pass	54.23	15.00
l61 asn o	-23.75	-21.70	the second of the contract of	15.00
162 HIS N		-22.96	54.76	15.00
162 HIS CA	-26.13	-22.19	55.86	15.00
L62 HIS CB	-27.12		55.35	
L62 HIS CG	-27.63	-20.21	56.41	15.00
162 HIS CD2	-28.89	-19.99	56.84	15.00
62 HIS ND1	-26.82	-19.39	57.16	15_00
62 HIS CE1	-27.56	-18.68	57.99	15.00
	-28.82			
62 HIS C	-26.80	-23.11	56.86	15.00
62 HIS O	-27.41			
63 ALA N	-26.61	-22.84	58.14	15.00

VO 97/16177		TABLE V	Ш	
163 ALA CA	-27.27	-23.63	59.17	15.00
163 ALA CB	-26.35	-23.90	60.32	15.00
163 ALA C	-28.47	-22.85		15.00
163 ALA O	-28.43	-21.62	59.83	15.00
164 VAL N	-29.53	-23.57	59.97	15.00
164 VAL CA	-30.75	-22.92	1.5	
164 VAL CB	-31.54	-22.58	59.10	15.00
164 VAL CG1	-32.42	-23.71	58.68	15.00
164 VAL CG2	-32.27	-21.27	59.22	15.00
164 VAL C	-31.49	-23.77	61.47	15.00
164 VAL O	-31.01	-24.81	61.87	15.00
165 LEU N	-32.64	-23.32	61.97	15.00
165 LEU CA	-33.33	-24.10	62.98	15.00
165 LEU CB	-33.27	-23.41	64.32	15.00
165 LEU CG	-33.72	-24.12	65.58	15.00
165 LEU CD1	-32.59	-24.89	66.21	15.00
165 LEU CD2	-34.18	-23.05	66.52	15.00
165 LEU C	-34.76	-24.44	62.63	15.00
165 LEU O	-35.55	-23.56	62.28	15.00
166 ALA N	-35.05	-25.73	62.66	15.00
166 ALA CA	-36.37	-26.25	62.37	15.00
166 ALA CB	-36.25	-27.61	61.71	15.00
166 ALA C	(A) (A) (A)	-26.35	63.69	15.00
166 ALA O		-27.02	64.62	15.00
167 VAL N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-25.69	63.76	15.00
167 VAL CA	$x = x_1 + x_2 + x_3 + x_4 + $	-25.64	64.97	15.00
167 VAL CB	-39.16		65.61	15.00
167 VAL CG1		-23.68	65.96	15.00
167 VAL CG2	-39.89	-23.25	64.67	15.00
167 VAL C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-26.07	64.76	15.00
167 VAL O	-41.40		65.46	15.00
168 GLY N				
168 GLY CA				
168 GLY O	-42.35			
169 TYR N	-41.42 -43.58			
169 TYR CA			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	15.00
169 TYR CB	-43 51	-29 71	60.36	
169 TYR CG	-44:07	-30 82	60.00	15.00
169 TYR CD1	-45 33	-31 41	60.63	15.00
169 TYR CE1	-45-86	-32.39	61.43	15 00
169 TYR CD2	-43.34	-31.27	62.02	15.00
169 TYR CE2	-43.88	-32.28	62.86	15 00
			02.00	

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O 97/16177	TABLE VIII			
169 TYR CZ		-32.81	62.55	15.00
169 TYR OH	-45.63	-33.71		
169 TYR C		-28.26		
169 TYR O		-28.25		15.00
170 GLY N		-28.23	59.12	15.00
170 GLY CA	1 1 2 1	-28.17	58.95	
170 GLY C		-28.06		
170 GLY 0		-28.35		
171 ILE N		-27.61		
171 ILE CA	and the second of the second o	-27.54		
171 ILE CB	-50.30			
171 ILE CG2		-29.17		
171 ILE CG1	in the second			15.00
171 ILE CD1		-30.20		15.00
171 ILE C		-26.29		
171 ILE 0	-51.37		56.10	15.00
172 GLN N	200 - 100 000 000 000		54.44	15.00
172 GLN CA	A (17 15 175 77 177 175 175 175 175 175 175	-24.31	54.01	
172 GLN CB	-49.68		54.05	15.00
172 GLN CG	and the second second second		53.87	15.00
172 GLN CD 172 GLN OE1		-20.56	53.75	15.00
172 GLN OE1	-48.07			15.00
172 GLN NE2	-49.74	-19.35		· · · · · · · · · · · · · · · · · · ·
172 GLN C		-24.41		15.00
172 GHN 0		-24.19		15.00
173 LYS CA		-24.75 -24.85		15.00
173 LYS CB	化二氯甲基甲基二氯甲酰甲二甲基	-24.65 -23.48		15.00
173 LYS CG	and the second second	-23.48 -22.39	50.61	15.00
173 LYS CD		-22.02		15.00
173 LYS CE	-54 37	-22.02	52.75	15.00
173 LYS NZ	-54.04	-22.06	55 22	
173 LYS C	-52 85	-25 93	50.25	15.00
173 LYS 0	-52.73	-25 69	49 15	15.00
174 GLY N	-52.61	-27.11	50 90	15.00
174 GLY CA	-52.15	-28 21	50.08	15.00
174 GLY C	-50-64	-28.26	50.00	15:00
174 GLY O	-50.08	-29.23	49.53	15 00
175 ASN N	-49.97	-27.25	50.58	15.00
175 ASN CA	-48.52	-27.27	50.57	15.00
175 ASN CB	-47.92	-26.00	49.95	15.00
175 ASN CG	-48.48	-25.73	48.57	15.00
175 ASN OD1	-48.53	-26.61		15.00
		. *		

PCT/US96/17512

NC	97/16177			TABLE V	Ш	***
	175 ASN	ND2	-48.96	-24.51	48.37	15.00
٠.	175 ASN	C	-47.94	-27.50	51.94	15.00
٠,	175 ASN	o	-48.04	-26.66	52.86	15.00
	176 LYS	N	-47.37	-28.69	52.07	
. (.) e	176 LYS	CA	-46.71	-29.13	53.27	15.00
4.	176 LYS	СВ	-46.28	-30.61	53.08	15.00
÷	176 LYS	CG	-47.40	-31.59	52.68	15.00
: •	176 LYS	CD	-47.20	-32.92	53.41	15.00
	176 LYS	CE	-48.36	-33.85	53.17	15.00
	176 LYS	NZ	-48.49	-34.80	54.30	15.00
	176 LYS	C	-45.51	-28.18	53.48	15.00
	176 LYS	0	-45.12	-27.49	52.55	15.00
	177 HIS	N	-44.94	-28.15	54.68	15.00
	177 HIS	CA	-43.82	-27.26	54.97	15.00
	177 HIS	СВ	-44.23	-25.79	54.78	15.00
	177 HIS	CG	-45.19	-25.25	55.82	15.00
	177 HIS	CD2	-45.07	-25.11	57.17	15.00
	177 HIS	ND1	-46.37	-24.62	55.49	15.00
	177 HIS	CE1	-46.93	-24.11		15.00
: .:	177 HIS	NE2	-46.16	-24.40	57.61	15.00
	177 HIS	C	-43.08	-27.42	56.30	15.00
) (j. ) (j.	177 HIS	0	-43.62	-27.92		15.00
	178 TRP	N	-41.81	-27.01	56.29	15.00
	178 TRP	CA	-40.97	-27.01	57.48	15.00
	178 TRP	СВ	-39.52	-27.41	57.16	15.00
	178 TRP	CG	-39.34	-28.83		15.00
٠.	178 TRP	CD2	-39.46	-29.91		15.00
	178 TRP	CE2	-39.29		57.09	15.00
	178 TRP	CE3	-39.70	-29.97	59.20	15.00
	178 TRP	CD1	-39.09	-29.39		
			-39.07			
Ž.	178 TRP					
	178 TRP			-31.22	59.78	
Ú	178 TRP	CH2			59.01	
·	178 TRP	C	-41.00		57.95	
	178 TRP	0	-41.12		57.14	
	179 ILE				59.26	
	179 ILE				59.78	
e Des	179 ILE			-23.89	4	15.00
	179 ILE	·	-41.90		61.61	
	179 ILE		-43.42		60.51	15.00
	179 ILE		-44.37		61.63	
· .	179 ILE		-39.62		60.20	
				–		

	**			
O 97/16177		TABLE V	יווי	
179 ILE 0	-39.07	-24.45	61.07	15.00
180 ILE N	-38.99	•	59.57	15.00
180 ILE CA	-37.58		59.86	15.00
180 ILE CB	-36.79	-22.59	58.57	15.00
180 ILE CG2	-35.36	-22.38	58.83	15.00
180 ILE CG1	-36.99	-23.93	57.91	15.00
180 ILE CD1	-36.41		58.75	15.00
180 ILE C	-37.25	-21.18	60.52	15.00
180 ILE O	-37.82	-20.13	60.17	15.00
181 LYS N	-36.35	-21.19	61.49	15.00
181 LYS CA	-35.97	3.1	62.16	15.00
181 LYS CB	-35.83	-20.19	63.65	15.00
181 LYS CG	-35.49	-18.92	64.45	15.00
181 LYS CD	-35.36	-19.25	65.93	15.00
181 LYS CE	-35.01	-18.04	66.76	15.00
181 LYS NZ	-34.86	-18.51	68.16	15.00
181 LYS C	-34.64	-19.50	61.61	15.00
181 LYS O	-33.72	-20.32	61.54	15.00
182 ASN N	-34.49	-18.23	61.27	15.00
182 ASN CA	-33.22	-17.79	60.71	15.00
182 ASN CB	-33.45	-17.10	59.34	15.00
182 ASN CG	-32.32	-17.37	58.34	15.00
182 ASN OD1	-31.30	-18.02	58.65	15.00
182 ASN ND2	-32.53	-16.89	57.09	15.00
182 ASN C	-32.54	-16.84	61.68	15.00
182 ASN O	-33.16	-16.31	62.60	15.00
183 SER N	-31.25	-16.64	61.45	15.00
183 SER CA	-30.40	-15.74	62.23	15.00
183 SER CB 183 SER OG	-29.16	-16.50	62.75	15.00
	-28.52	-17.33	61.76	15.00
183 SER C			61.41	15.00
183 SER O	-28.81	-14.06	61.56	15.00
184 TRP N 184 TRP CA	-30.82 30.50	-13.98	60.55	
	-30.50	-12.82	59.71	15.00
184 TRP CB	-30.71	14.06	58.22	15.00
184 TRP CG				
184 TRP CD2	-29.30 -20 00	-14.38 -15 45	56.26	15.00
184 TRP CE2	-20.00	-14 20	20.05	15.00
184 TRP CE3	-30.62 -20 55	-14.58	55.22	15.00
184 TRP CZ2	-28.50	-15.46 -16.14		
184 TRP CZ3			54.84	
TOT THE COS	-30.03	-15,04	54.04	15.00

WO 97/16177	:): *	TABLE V	m	
184 TRP CH2	-29.52	-15.92	53.84	15.00
184 TRP C	-31.34		60.02	15.00
184 TRP O	-31.41	-10.70		
185 GLY N	-31.95	-11.51		
185 GLY CA	-32.75	1 14 1	61.52	
185 GLY C	-34.24	-10.61	61.41	15.00
185 GLY 0	-34.63	-11.61	60.82	15.00
186 GLU N	-35.09	-9.75	61.96	15.00
186 GLU CA	-36.52	-10.00	61.83	15.00
186 GLU CB	-37.32	-9.44	63.01	15.00
186 GLU CG	-36.65	-9.45	64.34	15.00
186 GLU CD	-37.34		65.32	15.00
186 GLU OE1	-36.68	-8.08	66.25	15.00
186 GLU OE2	-38.55		65.21	15.00
186 GLU C	-36.99	-9.30	60.56	15.00
186 GLU O	-38.10	-9.52	60.08	15.00
187 ASN N	-36.14	-8.44	60.02	15.00
187 ASN CA	-36.46	-7.68	58.83	15.00
187 ASN CB	-35.60	-6.42	58.79	15.00
187 ASN CG	-35.84		59.97	15.00
187 ASN OD1	-34.92	-4.82	60.44	15.00
187 ASN ND2	-37.10	-5.46	60.45	15.00
187 ASN C	-36.21	-8.52	57.60	15.00
187 ASN O		-8.00	56.49	15.00
188 TRP N	-35.89		57.81	15.00
188 TRP CA	-35.66		56.68	15.00
188 TRP CB		-11.49	56.84	15.00
188 TRP CG	-34.20	-12.53	55.78	15.00
188 TRP CD2	-34.69	-13.89	55.77	15.00
188 TRP CE2	-34.21	-14.49		
188 TRP CE3		-14.67		
188 TRP CD1	5	-12.37	54.63	
188 TRP NE1		-13.54		
		-15.83	Jr	
188 TRP CZ3		-15.96	1 21 - 1 LT - 9	15.00
188 TRP CH2		-16.55		15.00
188 TRP C		-11.63		
188 TRP 0		-11.96		
189 GLY N		-12.09		15.00
189 GLY CA		-13.05		
189 GLY C			56.18	15.00
189 GLY 0		-11.50		15.00
190 ASN N	-40.23	-13.64	56.73	15.00

O 97/16177	÷.	TABLE V	ш	
190 ASN CA	-41.43	-13.31	57.46	15.00
190 ASN CB	-42.42	-14.44	57.30	15.00
190 ASN CG	-43.81	-14.05	57.76	15.00
190 ASN OD1	-44.10	-12.89	58.14	15.00
190 ASN ND2	-44.72	-15.00	57.62	15.00
190 ASN C	-41.04	-13.20	58.90	15.00
190 ASN 0	-40.92	-14.22	59.57	15.00
191 LYS N	-40.80	-11.98	59.38	15.00
191 LYS CA	-40.39	-11.79	60.76	15.00
191 LYS CB	-41.62	-11.71	61.67	15.00
191 LYS CG	-42.53	-10.45	61.51	15.00
191 LYS CD	-43.64	-10.73	60.48	15.00
191 LYS CE	-44.65	-9.57	60.22	15.00
191 LYS NZ	-44.60	-8.96	58.86	15.00
191 LYS C	-39.36	-12.83	61.26	15.00
191 LYS O	-39.58	-13.50	62.27	15.00
192 GLY N	-38.25	-12.96	60.52	15.00
192 GLY CA	-37.17	-13.89	60.87	15.00
192 GLY C	-37.47	-15.35	60.56	15.00
192 GLY 0	-36.64	-16.20	60.86	15.00
193 TYR N	-38.59	-15.63	59.91	15.00
193 TYR CA	-38.89	-17.04	59.63	15.00
193 TYR CB	-40.12	~17.53	60.44	15.00
193 TYR CG	-39.91	-17.72	61.94	15.00
193 TYR CD1	-39.96	-16.63	62.83	15.00
193 TYR CE1	-39.79	-16.81	64.19	15.00
193 TYR CD2 193 TYR CE2		-18.99	62.47	15.00
193 TYR CE2 193 TYR CZ	-39.52	-19.20	63.79	15.00
193 TYR OH	-39.56 -39.33	-18.12	64.67	15.00
193 TYR C		-18.34	66.03	15.00
193 TYR O	-39.11 -39.23			
194 ILE N	-39.23	-16.35	57.35 F7.35	15.00
194 ILE CA	-39.32			
194 ILE CB	-37.98			
194 ILE CG2	-36.90	-19.78	56 01	15.00
194 ILE CG1			54.02	
194 ILE CD1	-36.98	•	53.02	15.00
194 ILE C	-39.99			
194 ILE O	-39.67			
195 LEU N	-41.01			
195 LEU CA	-41.71			
195 LEU CB	-43.20			
	• •	•	- 1	

TABLE VIII   PCTUS96/17512   195   LEU CG						na do te	
195 LEU CD1	WO 97/16177			TABLE VI	11		PCT/US96/17512
195 LEU CD2	195 LEU	CG	-43.96	-20.94	56.22	15.00	
195 LEU C	195 LEU	CD1	-45.35	-20.46	55.85	15.00	
195 LEU O	195 LEU	CD2	-44.03	-22.03	57.28	15.00	
195 LEU O -41.24 -22.03 52.99 15.00 196 MET N -40.38 -23.55 54.41 15.00 196 MET CB -38.30 -24.61 53.74 15.00 196 MET CG -37.40 -23.37 53.79 15.00 196 MET CG -37.40 -23.37 53.79 15.00 196 MET CC -35.19 -24.86 53.02 15.00 196 MET C -40.45 -25.54 52.91 15.00 196 MET C -40.45 -25.54 52.91 15.00 197 ALA N -40.52 -25.77 51.61 15.00 197 ALA CA -41.19 -26.95 51.06 15.00 197 ALA C -40.77 -28.28 51.69 15.00 197 ALA C -40.77 -28.28 51.69 15.00 198 ARG N -41.77 -29.13 51.96 15.00 198 ARG C -42.26 -31.94 54.56 15.00 198 ARG CB -42.18 -30.53 53.94 15.00 198 ARG CC -42.26 -31.94 56.05 15.00 198 ARG CD -42.45 -31.86 56.05 15.00 198 ARG NHI -45.11 -32.72 56.19 15.00 198 ARG NHI -45.11 -32.72 56.19 15.00 198 ARG N -41.39 -32.69 51.77 15.00 198 ARG N -41.39 -32.69 51.77 15.00 199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CG -42.05 -31.55 51.67 15.00 199 ASN CG -42.05 -31.55 51.67 15.00 198 ARG NHI -45.11 -32.72 56.19 15.00 198 ARG NHI -45.11 -32.72 56.19 15.00 199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CB -40.66 -32.91 46.77 15.00	195 LEU	C	-41.08	-22.46	54.14	15.00	
196 MET CA	195 LEU	0	-41.24	-22.03	52.99		
196 MET CB	196 MET	N	-40.38	-23.55	54.41	15.00	
196 MET CG	196 MET	CA	-39.73	-24.28	53.34	15.00	
196 MET SD	196 MET	CB	-38.30	-24.61	53.74	15.00	
196 MET CE	196 MET	CG	-37.40	-23.37	53.79	15.00	빛의 경우 연습
196 MET C	196 MET	SD	-35.72	-23.74	54.33	15.00	
196 MET C	196 MET	CE	-35.19	-24.86	53.02	15.00	
197 ALA N	196 MET	C	-40.45	-25.54	52.91	15.00	
197 ALA CA	196 MET	0	-40.92	-26.29	53.76	15.00	
197 ALA CB	197 ALA	N	-40.52	-25.77	51.61	15.00	
197 ALA CB	197 ALA	CA	-41.19	-26.95	51.06	15.00	
197 ALA C -40.77 -28.28 51.69 15.00 197 ALA O -39.59 -28.51 51.93 15.00 198 ARG N -41.77 -29.13 51.96 15.00 198 ARG CA -41.53 -30.45 52.55 15.00 198 ARG CB -42.18 -30.53 53.94 15.00 198 ARG CG -42.26 -31.94 54.56 15.00 198 ARG CD -42.45 -31.86 56.05 15.00 198 ARG NE -43.59 -31.03 56.41 15.00 198 ARG NE -43.59 -31.03 56.41 15.00 198 ARG NH1 -45.11 -32.72 56.19 15.00 198 ARG NH2 -45.84 -30.65 56.84 15.00 198 ARG C -42.05 -31.55 51.67 15.00 198 ARG O -43.07 -31.41 50.99 15.00 199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CA -41.70 -33.89 51.02 15.00 199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CB -43.54 -34.74 52.54 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00	197 ALA	СВ	-40.98	-26.99			
197 ALA O	197 ALA	C .	-40.77	-28.28			
198 ARG N -41.77 -29.13 51.96 15.00 198 ARG CA -41.53 -30.45 52.55 15.00 198 ARG CB -42.18 -30.53 53.94 15.00 198 ARG CG -42.26 -31.94 54.56 15.00 198 ARG CD -42.45 -31.86 56.05 15.00 198 ARG NE -43.59 -31.03 56.41 15.00 198 ARG CZ -44.85 -31.46 56.47 15.00 198 ARG NH -45.11 -32.72 56.19 15.00 198 ARG NH2 -45.84 -30.65 56.84 15.00 198 ARG O -43.07 -31.41 50.99 15.00 198 ARG O -43.07 -31.41 50.99 15.00 199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CA -41.70 -33.89 51.02 15.00 199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	197 ALA	0	-39.59			Alle Line Alle Alle Alle Alle Alle Alle Alle Al	
198 ARG CA	198 ARG	N	-41.77	-29.13	51.96		
198 ARG CB	198 ARG	CA	-41.53	-30.45			
198 ARG CG	198 ARG	CB	-42.18	-30.53	53.94		
198 ARG NE	198 ARG	CG	-42.26	-31.94	54.56	and the control of th	
198 ARG CZ	198 ARG	CD	-42.45	-31.86	56.05	15.00	
198 ARG NH1 -45.11 -32.72 56.19 15.00  198 ARG NH2 -45.84 -30.65 56.84 15.00  198 ARG C -42.05 -31.55 51.67 15.00  198 ARG O -43.07 -31.41 50.99 15.00  199 ASN N -41.39 -32.69 51.77 15.00  199 ASN CA -41.70 -33.89 51.02 15.00  199 ASN CB -43.17 -34.27 51.14 15.00  199 ASN CG -43.54 -34.74 52.54 15.00  199 ASN OD1 -42.66 -34.97 53.39 15.00  199 ASN ND2 -44.84 -34.86 52.79 15.00  199 ASN C -41.32 -33.73 49.56 15.00  199 ASN O -41.24 -34.72 48.84 15.00  200 LYS N -41.04 -32.51 49.14 15.00  200 LYS CA -40.66 -32.31 47.77 15.00  200 LYS CB -40.98 -30.88 47.33 15.00  200 LYS CG -42.41 -30.50 47.40 15.00  200 LYS CD -42.69 -29.14 46.77 15.00	198 ARG	NE	-43.59	-31.03	56.41	15.00	
198 ARG NH1 -45.11 -32.72 56.19 15.00  198 ARG NH2 -45.84 -30.65 56.84 15.00  198 ARG C -42.05 -31.55 51.67 15.00  198 ARG O -43.07 -31.41 50.99 15.00  199 ASN N -41.39 -32.69 51.77 15.00  199 ASN CA -41.70 -33.89 51.02 15.00  199 ASN CB -43.17 -34.27 51.14 15.00  199 ASN CG -43.54 -34.74 52.54 15.00  199 ASN OD1 -42.66 -34.97 53.39 15.00  199 ASN ND2 -44.84 -34.86 52.79 15.00  199 ASN C -41.32 -33.73 49.56 15.00  199 ASN O -41.24 -34.72 48.84 15.00  200 LYS N -41.04 -32.51 49.14 15.00  200 LYS CA -40.66 -32.31 47.77 15.00  200 LYS CB -40.98 -30.88 47.33 15.00  200 LYS CG -42.41 -30.50 47.40 15.00  200 LYS CD -42.69 -29.14 46.77 15.00	198 ARG	CZ	-44.85	-31.46	56.47	15.00	
198 ARG C	198 ARG	NH1	-45.11	-32.72	56.19	15.00	
198 ARG O -43.07 -31.41 50.99 15.00 199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CA -41.70 -33.89 51.02 15.00 199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CG -42.69 -29.14 46.77 15.00	198 ARG	NH2	-45.84	-30.65	56.84		
199 ASN N -41.39 -32.69 51.77 15.00 199 ASN CA -41.70 -33.89 51.02 15.00 199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CG -42.41 -30.50 47.40 15.00			-42.05	-31.55	51.67	15.00	
199 ASN CA -41.70 -33.89 51.02 15.00 199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CG -42.41 -30.50 47.40 15.00	198 ARG	0	-43.07	-31.41			
199 ASN CB -43.17 -34.27 51.14 15.00 199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	199 ASN	N	-41.39	-32.69	51.77	15.00	
199 ASN CG -43.54 -34.74 52.54 15.00 199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	199 ASN	CA	-41.70	-33.89	51.02	15.00	
199 ASN OD1 -42.66 -34.97 53.39 15.00 199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	199 ASN	CB ·	-43.17	-34.27	51.14	15.00	
199 ASN ND2 -44.84 -34.86 52.79 15.00 199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00						15.00	
199 ASN C -41.32 -33.73 49.56 15.00 199 ASN O -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00						15.00	
199 ASN 0 -41.24 -34.72 48.84 15.00 200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	199 ASN	ND2	-44.84	-34.86	52.79	15.00	그릇과 하고 하는 독표
200 LYS N -41.04 -32.51 49.14 15.00 200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	199 ASN	C ·	-41.32	-33.73	49.56	15.00	
200 LYS CA -40.66 -32.31 47.77 15.00 200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00		100	-41.24	-34.72	48.84	15.00	
200 LYS CB -40.98 -30.88 47.33 15.00 200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00	· · · · · · · · · · · · · · · · · · ·		10	-32.51	49.14	15.00	
200 LYS CG -42.41 -30.50 47.40 15.00 200 LYS CD -42.69 -29.14 46.77 15.00			-40.66	-32.31	47.77	15.00	
200 LYS CD -42.69 -29.14 46.77 15.00					47.33	15.00	
200 LYS CD -42.69 -29.14 46.77 15.00	•		-42.41	-30.50	47.40	15.00	
200 LYS CE -42.63 -29.16 45.28 15.00					46.77		
	200 LYS	CE -	-42.63	-29.16	45.28	15.00	

٠	WO 97/16177		TABLE V	ш	, (*e-
	200 LYS NZ	-43.85	-29.82	44.77	15.00
	200 LYS C	-39.20	-32.67		
	200 LYS 0	-38.40	-31.81	47.09	
34	201 ASN N	-38.85	-33.95	47.62	15.00
4	201 ASN CA	-37.50	-34.49	47.34	15.00
	201 ASN CB	-37.30	-34.62		
	201 ASN CG	-38.27	-35.59	45.16	15.00
	201 ASN OD1	-37.88	-36.36	44.27	15.00
	201 ASN ND2	-39.56	-35.52	45.54	15.00
	201 ASN C	-36.34	-33.71	47.95	15.00
·	201 ASN 0	-35.58	-33.08		
	202 ASN N	-36.22	-33.75	49.28	
ar et ett	202 ASN CA	-35.14	-33.08	50.02	15.00
	202 ASN CB	-33.88	-33.93	49.92	15.00
	202 ASN CG	-33.05	-33.91	51.18	15.00
	202 ASN OD1	-33.57	-33.92	52.30	15.00
	202 ASN ND2	-31.73	-33.90	51.01	15.00
	202 ASN C	12 66 3 11 N 1 1 1 6 6 1	-31.68	· · · · · · · · · · · · · · · · · · ·	15.00
	202 ASN 0	-33.72	-31.35	49.20	15.00
   1 - 5	203 ALA N	-35.85	-30.82	49.54	15.00
	203 ALA H		-31.08	50.11	15.00
	203 ALA CA	-35.72	-29.46		15.00
	203 ALA CB	-36.91	-28.60	49.43	15.00
f (p. 17	203 ALA C	-34.46	-28.80	49.61	15.00
·	203 ALA O	-34.31	-28.70	50.79	15.00
	204 CYS N	-33.59	-28.31	48.74	15.00
	204 CYS CA	and the second of the second o	-27.62	49.21	15.00
. :.	204 CYS C	-31.47	-28.47	50.07	15.00
	204 CYS O	-30.40	-28.02	50.45	15.00
- 14 15		-32.76	-26.38	50.00	15.00
	204 CYS SG	-33.64	-25.09	49.12	15.00
	205 GLY N	-31.91	-29.64	50.49	15.00
	205 GLY CA	-31.04	-30.48	51.28	15.00
	205 GLY C	-31.30	-30.32	52.77	15.00
	205 GLY O	-30.40	-30.54	53.58	15.00
II de	206 ILE N	-32.52	-29.94	53.13	15.00
	206 ILE CA	-32.90	-29.75	54.52	15.00
	206 ILE CB	-34.33	-29.12	54.62	15.00
	206 ILE CG2	-35.41	-30.09	54.17	15.00
	206 ILE CG1	-34.60	-28.70	56.06	15.00
	206 ILE CD1				
	206 ILE C	-32.75			
	206 ILE 0	-32.59	-30.85	56.66	15.00

O 97/16177		TABLE V	Ш	
207 ALA N		-32.22		15.00
207 ALA CA	-32.67	-33.38	55.79	15.00
207 ALA CB		-34.33	55.58	15.00
207 ALA C	-31.34	-34.09	55.63	15.00
207 ALA O	-31.17	-35.20	56.13	15.00
208 ASN N	-30.36	-33.45		
208 ASN CA	-29.04	-34.07	54.76	15.00
208 ASN CB		-33.45	53.52	
208 ASN CG	-28.78	-34.07	52.18	15.00
208 ASN OD1	-29.25	-35.21	52.11	15.00
208 ASN ND2	-28.60	-33.31	51.12	15.00
208 ASN C	-28.08	-34.01	55.94	15.00
208 ASN O	-27.28	-34.93	56.15	15.00
209 LEU N	-28.08	-32.88	56.64	15.00
209 LEU CA	-27.19	-32.64	57.78	15.00
209 LEU CB	-26.07	-31.64		15.00
209 LEU CG	-24.73	-31.69	58.15	15.00
209 LEU CD1	-24.11	-33.07	58.09	15.00
209 LEU CD2	-23.76	-30.66	57.52	15.00
209 LEU C	-27.97	50 1 Mark 11 28 (St. 15 11 11 11 1	59.02	15.00
209 LEU O	-27.72	-30.99	59.50	15.00
210 ALA N	-28.79	-32.99		15.00
210 ALA H	-29.19	-33.47	58.90	15.00
210 ALA CA	-29.59	-32.51	60.77	15.00
210 ALA CB	-31.08	-32.79	60.54	15.00
210 ALA C	-29.19	-33.24	62.06	1000 - 2770 2470 15.
210 ALA 0	-28.91	-34.44	62.09	15.00
211 SER N		-32.48	63.17	
211 SER CA	-28.94	-33.06	64.47	15.00
211 SER CB	-27.44	-33.22	64.70	10 A. 19 No. 1
211 SER OG	-26.78	-31.96	64.75	15.00
211 SER C	-29.57	-32.31	65.62	15.00
211 SER 0	-30.17	-31.24	65 41	15 00
212 PHE N	-29.43	-32.92	66.81	15.00
212 PHE CA	-29.96	-32.40	68.07	15.00
212 PHE CB	-31.46	-32.75	68.27	15.00
212 PHE CG	-31.78	-34.22	68.27	15.00
212 PHE CD1	-32.33	-34.84	67.14	15.00
212 PHE CD2	-31.61	-34.97	69.41	15.00
212 PHE CD2 212 PHE CE1	-32.71	-36.19	67.17	15.00
212 PHE CE2	-31.98	-36.30	69.45	15.00
212 PHE CZ	-32.54	-36.91	68.33	15.00
212 PHE C	-29.16	-32.88	69.27	15.00

WO 97/16177	· # · · ·	TABLE V	/111	
212 500	00 50			
212 PHE O 213 PRO N	-28.56			
213 PRO N	-29.11 -29.69	<ul> <li>30 (2004) 2590 (1)</li> </ul>	Professional Control of the Control	
213 PRO CA	-29.09 -28.36	-32.43	71.53	15.00
213 PRO CB	-28.14			
213 PRO CG		-30.47		15.00 15.00
213 PRO C	A. 自然,这个人的一个人的	-33.38		10.00
213 PRO 0	<ul> <li>* ***********************************</li></ul>	-33.47		
214 LYS N	-28.53	(2) COMPANY & CONT. 20.	73.30	According to the control of
214 LYS CA	7	-35.05		15.00
214 LYS CB	the process of the contract of	-36.43		
214 LYS CG		-37.24	72.91	
214 LYS CD	-28.01	<ul> <li>X va. 1 - 5 va. 4</li> </ul>	72.92	15.00
214 LYS CE	-28.46	1,000,000,000,000,000	71.81	15.00
214 LYS NZ	-27.39	-40.57	71.71	
214 LYS C	-29.05	-34.34	75.56	15.00
214 LYS 0	-27.98	2008, 300, 301, 402, 401, 402, 401, 402, 401, 402, 402, 402, 402, 402, 402, 402, 402	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
215 MET N	-30.08	-34.35	All the second of the second	15.00
215 MET CA	-29.99	-33.65	77.70	15.00
215 MET CB	-31.12	-32.61	77.90	15.00
215 MET CG	-30.96	-31.28	77.20	15.00
215 MET SD	-29.93	-30.01	77.96	15.00
215 MET CE	-31.16	-28.81	78.53	15.00
215 MET C	-29.93	-34.56	78.90	15.00
215 MET OT1	-28.98	-34.44	79.69	15.00
215 MET OT2	-30.83	-35.40	79.08	15.00
216 нон он2		-16.46	65.37	15.00
217 нон он2	The second that the second of	-19.91	62.23	15.00
218 нон он2		-12.34	64.01	15.00
219 нон он2		the second of th		15.00
220 нон он2		-23.61	70.00	15.00
221 HOH OH2				15.00
222 HOH OH2		-20.39	66.10	15.00
223 НОН ОН2	-25.68	-31.53	W	15.00
224 HOH OH2				15.00
	-14.75			15.00
226 HOH OH2	-44.50	-27.54		
227 HOH OH2 228 HOH OH2				15.00
	4.1 (4)	-17.81	69.13	15.00
229 HOH OH2	-31.65	-20.57	63.48	15.00
230 HOH OH2				
231 HOH OH2 232 HOH OH2	-14.47	-31.20		
232 NUN UHZ	-44.49	-25.37	44.32	15.00

270 НОН ОН2

271 НОН ОН2

-36.71

-34.03 -29.11 42.28 15.00

46.91

-26.01

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A<sup>2</sup>) for the cathepsin K complex with inhibitor 4-[N-[Phenylmethoxy] carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone.

Residue Atom	X	Υ	Z	В
1 ALA CB	-54.23		65.64	15.00
1 ALA C	-53.54	-33.00	63.24	15.00
1 ALA O	-52.73	-33.83	62.79	15.00
1 ALA N	-54.89	-34.90	63.97	15.00
1 ALA CA	-54.65	-33.45	64.19	15.00
2 PRO N	-53.49	-31.70	62.91	15.00
2 PRO CD	-54.26	-30.56	63.46	15.00
2 PRO CA	-52.44	-31.22	62.00	15.00
2 PRO CB	-52.58	-29.69	62.07	15.00
2 PRO CG	-53.25	-29.45	63.41	15.00
2 PRO C	-51.07	-31.68	62.50	15.00
2 PRO O	-50.74	-31.50	63.67	15.00
3 ASP N	-50.31	-32.35	61.64	15.00
3 ASP CA	-48.98	-32.84	62.01	15.00
3 ASP CB	-48.55	-33.98	61.08	15.00
3 ASP CG	-47.66	-35.01	61.77	15.00
3 ASP OD1	-46.52	-34.66	62.18	15.00
3 ASP OD2	-48.10	-36.17	61.89	15.00
3 ASP C	-48.00	-31.68	61.94	15.00
3 ASP O	-47.13	-31.65	61.06	15.00
4 SER N	-48.12	-30.72	62.85	15.00
4 SER CA	-47.23	-29.56	62.86	15.00
4 SER CB	-47.87	-28.37	62.15	15.00
4 SER OG	-49.05	-27.95	62.82	15.00
4 SER C	-46.76	-29.14	64.25	15.00
4 SER O	-47.54	-29.19	65.22	15.00
5 VAL N	-45.50	-28.70	64.35	15.00
5 VAL CA		-28.26	65.61	15.00
5 VAL CB		-29.21	66.10	15.00
5 VAL CG1	-43.35	-28.82	67.51	15.00
5 VAL CG2		-30.65	66.04	15.00
5 VAL C		-26.87	65.45	15.00
5 VAL O		-26.65	64.55	15.00
6 ASP N			66.33	15.00

-21.29

-23.17

-24.63

72.77

71.95

73.16

72.80

15.00

15.00

15.00

15.00

9 LYS O

10 LYS N

10 LYS CA

10 LYS CB

-45.95

-43.99

-43.71

-44.18 -22.40

WO 97/16177		TABLE	X	
10 LYS CG	-44.67	-25.19	71.78	15.00
10 LYS CD	-44.34	-26.64	71.49	15.00
10 LYS CE	-44.42	-27.48	72.76	15.00
10 LYS NZ	-45.74	-27.26	73.43	
10 LYS C	-42.92	-22.65	74.11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10 LYS O	-42.70	-23.25	75.15	
11 GLY N		-21.57	73.73	15.00
11 GLY CA		-21.00	74.58	15.00
11 GLY C			<ul> <li>************************************</li></ul>	15.00
11 GLY O	-38.92		75.21	15.00
12 TYR N		-22.56		15.00
12 TYR CA		-23.26		
12 TYR CB	-38.63		2. AND LONG TO A CO.	15.00
12 TYR CG				15.00
12 TYR CD1			74.13	15.00
12 TYR CE1	* / N/		74.82	15.00
12 TYR CD2			73.17	938, 380 NO. 680 NO. 6 1940
12 TYR CE2				15.00
12 TYR CZ		-27.85		15.00
12 TYR OH	-41.02	-28.91		15.00
12 TYR C	The second second second	-22.43	AZI MILITAR SEZENI	15.00
12 TYR 0		-22.86	and the second s	15.00
13 VAL N	-37.76		72.03	6 8 16880VO-111 X 4
13 VAL CA				15.00
13 VAL CB	-37.38		a file of the file of the	15.00
13 VAL CG1	-36.34		68.89	15.00
13 VAL CG2	-37.75		69.26	15.00
13 VAL C 13 VAL O	-36.62		71.75	15.00
14 THR N	37.55		1.1	15.00
14 THR CA	-35.38		こうかい みちがん ちんき	15.00
14 THR CB			72.11	
	-33.36	-17.11	72.54	15.00
14 THR OG1 14 THR CG2	-32.70	17 76	71.55	15.00
14 THR C	-35.25	16.15		
	-35.25 -35.59		70.99	
15 PRO N	-35.10	The second second		form of the control o
			71.31	
15 PRO CA	-35.02 -35.29			
	-35.03			
	-35.58			4 1 1 2 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	-34.27			
	367	7-7-02	*OJ.14	13.00

WO 97/16177	TABLE	<b>IX</b>	PCT/US96/17512
15 PRO 0	-33.20 -14.57	69.36 15.00	
16 VAL N	-34.63 -13.62		
16 VAL CA	-33.72 -13.74		THE WAS DONE TO LIKE HER WITH
16 VAL CB	-34.41 -13.41	65.45 15.00	
16 VAL CG1	-33.40 -13.43	64.31 15.00	
16 VAL CG2		65.18 15.00	
16 VAL C	-32.53 -12.82		
	-32.69 -11.69		
	-31.34 -13.30	<ul> <li>(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)</li></ul>	
BANDA CARA KARANCA MANDAYAR ALAM	-30.16 -12.50		
17 LYS CB	-29.27 -13.11		war and the contract of the co
	-29.97 -13.18	上作 さんかんき 単語がたい かしょくりんかんかい	
	-29.17 -13.95	ZATITERAS TURKINATI MERTE DIZZAZZARA KATANTAKA J	
	-29.96 -14.12		
	-31.23 -14.87		
17 LYS C		65.58 15.00	
17 LYS 0		64.66 15.00	
18 1. Children & C. St. (1997) 1977 (1997) 1977	-28.68 -11.18	. N. S. 1987 (1914) A. M. S. M. S	
18 ASN CA		64.33 15.00	
	-28.01 -9.37	1 17 to 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
18 ASN CG	-27.30 -9.03		
18 ASN OD1		1941 A.A. LANGA MARKA HAKATA MARAN	
	-26.89 -7.78 -26.42 -11.21		
18 ASN O	-25.77 -10.70		
19 GLN N	-25.89 -12.04		
19 GLN CA		<ul> <li>A 1 A 2 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3</li></ul>	
19 GLN CB	-24.24 -13.75	Tive Avenue (2.47) i e la l'Ongrés (247) i	
19 GLN CG	-24.32 -13.63	and the second of the second o	
19 GLN CD	-24.07 -14.96	THE REPORT OF THE PARTY OF THE	1 - 항공 시장시 사람이 가능하다. Sakat 1 - 아름티 1 - 아름
19 GLN 0E1	-25.01 -15.66		
19 GLN NE2	-22.81 -15.32	and the second of the second o	
19 GLN C		63.36 15.00	
19 GLN 0	-22.32 -11.48		
20 GLY N	-23.90 -10.40		
20 GLY CA	-22.99 -9.33		
20 GLY C	-21.93 -9.72		
20 GLY O	-22.06 -10.71	<ul> <li>A see Mercol College</li> <li>A see College</li> </ul>	
21 GLN N	-20.86 -8.94		
21 GLN CA	-19.79 -9.22	60.22 15.00	
21 GLN CB	-19.10 -7.92	59.77 15.00	
21 GLN CG	-20.08 -6.82	59.31 15.00	

. <b>w</b>	O 97/16177		TABLE	X	
	21 GLN CD	-21.21	-7.35	58.42	15.00
40	21 GLN OE1	-20.98	-7.83		
J. My.	21 GLN NE2	-22.44	-7.28	58.92	15.00
	21 GLN C	-18.81	-10.21	60.83	15.00
	21 GLN O	-17.67	-9.87	61.14	15.00
	22 CYS N	-19.29	-11.45	61.00	15.00
	22 CYS CA		-12.54	61.60	15.00
	22 CYS C	-19.20	-13.84	61.19	15.00
	22 CYS 0	-20.43	8 T. M. 15 ST 6 T 6 T 5	61.23	15.00
	22 CYS CB		-12.40	63.13	15.00
	22 CYS SG	-18.13	. 200	64.07	15.00
	23 GLY N		-14.83	ude far different i se este est vilorite e	15.00
	23 GLY CA	-19.01	スペン みずし さんてんじょり	60.33	15.00
	23 GLY C	-19.33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	61.47	15.00
	23 GLY 0	-18.80	the state of the s	61.54	15.00
	24 SER N		-16.60	62.36	
	24 SER CA		-17.40	63.52	15.00
	24 SER CB		-16.63	64.80	15.00
	24 SER OG			64.76	15.00
	24 SER C		-17.93	63.45	15.00
	24 SER 0		-18.02	64.46	15.00
	25 CYS N	-22.46	-18.32	62.28	15.00
	25 CYS CA	-23.80	-18.84	62.17	15.00
	25 CYS CB	-24.25			15.00
	25 CYS SG	-23.19		59.59	15.00
	25 CYS C	-23.89	-20.22	62.84	15.00
i i i i i i i i i i i i i i i i i i i	25 CYS 0		-20.62	63.34	15.00
	25 INH C1	-26.58		58.47	15.00
	25 INH C2		-10.40	57.28	15.00
	25 INH C3 25 INH C4	and the second second	-11.13	20 1 Wester to the 1996	15.00
	25 INH C5			58.27	15.00
	25 INH C6	-24.54	-10.58	59.46	15.00
	25 INH C7	-25.72	-9.86	59.56	out of the control of
	25 INH 08	-22.95			15.00
				56.96	1400,5 fult is less 110 to
	25 INH C9	-23.31 -24.36		56.78	15.00
•	25 INH C11			57.24	15.00
·	25 INH C12	-24.01 -22 35	-16.23		15.00
	25 INH C13	-22.30	-17 20	54.54 E2.45	15.00
		-24.11			15.00
:	25 INH C15	-24 46	-16 10	52.1/	
			TO.T2	JZ.74	15.00

WO 97/16177		TABLE	ΙΧ		PCT/US96/17512
25 INH C16	-21.76	-17.01	56.78	15.00	
25 INH 017	-20.87	-16.42	57.43	15.00	
25 INH N18	-21.99	-18.32	56.91	15.00	
25 INH C19	-21.15	-18.98	57.84	15.00	
25 INH N20					
25 INH C21	-20.81	-20.41	57.54	15.00	
25 INH C22	-21.63	-18.99	59.30	15.00	
25 INH 023	901 - 170 KI 2010 O 11. 20		59.81		
25 INH C24					
25 INH C25					
25 INH C26					
25 INH C27					
25 INH C28			56.26	15.00	
25 INH C29	$A_{i} = 1 \cdot (1 + 1) \cdot (1 + 2) \cdot (2 \cdot 3) \cdot (3 \cdot 3) \cdot (3 \cdot 3)$	and the second second	57.30		
25 INH C30					
25 INH 031					
25 INH N32	-20.66	-21.04	58.80	15.00	
25 INH C33					
25 INH N34					
	-22.76				
26 TRP CA		-22.24			
26 TRP CB	Programme and the control of the con	<ul> <li>C. 1997 (1988) 188 (1997) 188 (1997)</li> </ul>	1 × 2 3 3 3/1   1 × 20 1/2 4 ×	na kita na mangalagi buligi, kali saya	
26 TRP CG	the second of th	to the artists of the Alaba	63.67	15.00	
26 TRP CD2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		64.92	15.00	
26 TRP CE2	<ul> <li>* *** ** *** **** **** **** **** ****</li></ul>	A second of the	71 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15.00	
		-23.30		15.00	
26 TRP CD1					
26 TRP NE1					
26 TRP CZ2		a Nila ar in in in in in in		15.00	
26 TRP CZ3		-23.19	67.08	15.00	
26 TRP CH2	-17.76	-22.21	67.13	15.00	
26 TRP C	-22.83				
26 TRP O 27 ALA N	-23.50		65.69		
27 ALA CA	-22.22		The state of the s		
27 ALA CA	-22.28			15.00	
27 ALA CB	-21.34 -23.71			15.00	
27 ALA C		-20.40		15.00	
		-20.67		15.00	
	-24.44 -25.83			15.00	
28 PHE CB	-25.83 -26.28		66.72	15.00	
28 PHE CG			65.81	15.00	
20 FAE CG	-25.77	-16.95	66.24	15.00	

WO 97/16177		TABLE	X	
28 PHE CD1	_24 53	_16 FO	65.83	15 00
28 PHE CD2				15.00
28 PHE CE1	and the second second	-15.31		erian war eria
28 PHE CE2	4.080000		A Confidence of the Confidence of the	15.00
28 PHE CZ	1.13 1 1 1 1 1 1 1 1			
28 PHE C	-26.76			15.00
28 PHE O	-27.71			15.00
29 SER N				
<ul> <li>5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.</li></ul>	CONTRACTOR OF THE PROPERTY OF	1981 1881 1885	** **	* 1 to 1 t
29 SER CB	-26.88		64.35	
29 SER OG				
29 SER C	r the self to be about the self-			
29 SER 0	-28.20			
30 SER N	W 1 100 N A 1 W	4. 6	67.12	
30 SER CA	-25.70		68.32	
30 SER CB		-24.86	13 May 4 N. N. 199	
30 SER OG				
30 SER C	0.0 3 5 30 5	. 1	The second second second second	The second Section 25 to the second
30 SER 0	-26.97	ara karaja angga (S. Kr. Li	70.37	
31 VAL N	-26.15	100	69.88	
31 VAL CA	-26.71		the first feet and first first	
31 VAL CB	-26.23	1111 154 144 1		
31 VAL CG1	1 1,000 NO 120 LOCAL BY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<ul> <li>[6] S. M. Galler, Phys. Lett. 67 (1997).</li> </ul>	All Distributed All CAP III A
31 VAL CG2				交替 化氯甲基磺酚二甲基磺基
	-28.23		4 (124) (131)	
31 VAL O	-28.86		e de la Martin e la	15.00
32 GLY N	-28.82	-22.26	69.85	15.00
32 GLY CA	-30.26	-22.36	Andread Professional	
32 GLY C	-30.78	-23.75	70.03	15.00
32 GLY 0	-31.86	-23.89	70.62	15.00
33 ALA N	-30.07	-24.78	69.61	
33 ALA CA				
33 ALA CB				
33 ALA C				
33 ALA 0			72.05	
34 LEU N	-29.24	-25.92	71.96	15.00
34 LEU CA	-28.96			
34 LEU CB	-27.57	-25.50	73.75	15.00
34 LEU CG				
34 LEU CD1	-25.11	-25.32	73.73	15.00
34 LEU CD2				
34 LEU C	-30.00	-25.35	74.28	15.00

wo	97/16177		TABLE	X	
	34 LEU O	-30.28	-25.81	75.38	15.00
	35 GLU N		-24.21		
	35 GLU CA	-31.50	-23.44	74.55	15.00
	35 GLU CB	21 50 600 000 00 min and 0000 21 min and	-22.02		
	35 GLU CG	-30.41	-21.16	74.08	15.00
	35 GLU CD	The Mark to the State of the St			15.00
	35 GLU OE1	(1 No. 3 No. 45 No. 3 No. 1 No.	5 *** ** ** ** * * * * * * * * * * * *	<ul> <li>S. W. J. (1998) 286.</li> </ul>	15.00
	35 GLU OE2	Appear of March 1985 and the			1 0 A (A1011 )
	35 GLU C	-32.84			15.00
	35 GLU 0		-24.12		15.00
	36 GLY N		-24.71		
	36 GLY CA		1 119 4 117 4	[5] J. J. P. M. J. P. Store (1997).	1.28年1.31、安全发展的《中华学》
		-34.45			15.00
	. 1 12 4 14 17 18 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-35.47			15.00
	37 GLN N	5 2 5 1 11 1 1			15.00
	37 GLN CA	and Marian		* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
	50 O F 15 F M. C. 1999 F MARIN F MARIN S. 1	-32.05		2. 1. 1. 10 (1970) 1970	
	37 GLN CG	3.445	1 4 4 5 10	A CONTRACTOR AND A CONTRACTOR	
		-33.50		A	15.00
	37 GLN 0E1	Markette and the second of the second	-31.63	C - 1	15.00
	at a company of the first the second of the first of the	-34.28	A 5 5 1/2		15.00
	37 GLN C	24 (1965) 1 - New 1977 (1977)	n filipak ara dayan balan in	76.60	15.00
	37 GLN 0	-33.78	1 4 5 F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77.48	15.00
	14. 1. 4.2.27 (GLAM 943002 GLAM 91.7 GL	-32.60		2 1239 1.27 E.S. L	15.00
	38 LEU CA	A second to the second	-26.23	Note: Note: Selection of	15.00
	38 LEU CB	regover anyone is removed	-24.94	78.20	15.00
	38 LEU CG 38 LEU CD1	THE PROPERTY OF A STATE OF	-24.25	79.55	15.00
		A 17 TANA A 18 A	-25.04		15.00
		-31.08			15.00
	38 LEU C 38 LEU O	-33.94 -34.27			15.00
	New transfer (See September 2015) William was		-26.33		
	39 LYS CA	-34.78 -36.17	-23.42 -25 16	70.10	15.00
	39 LYS CB				
	39 LYS CG	_38.38	-24.30	77.06	15.00
	39 LYS CD	_30.50	-23 68	70.21	15.00
	39 LYS CE	-40.52	-23.00	78 24	
	39 LYS NZ	-41.17			15.00
	39 LYS C	-36.89			
	39 LYS 0	-37.73		79.30	
	40 LYS N	-36.56			
inguesia.	G 42, 1, 61 (1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	-37.20			

7/16177		TABLE	X	
40 LYS CB	-36.83	-29.73	76.64	15.00
40 LYS CG	-37.74			15.00
40 LYS CD	-37.39	-31.91		and the second second
40 LYS CE	-38.47	-32.98	75.42	15.00
40 LYS NZ	-38.17	-34.02	74.40	15.00
40 LYS C	-36.89	-29.42	79.13	15.00
40 LYS O	-37.79	-29.93	79.80	15.00
41 LYS N	-35.62	-29.36	79.53	15.00
41 LYS CA	-35.17	-29.95	80.79	15.00
41 LYS CB	-33.65	-30.16	80.81	15.00
41 LYS CG	-33.08	-30.87	79.59	15.00
41 LYS CD				15.00
41 LYS CE				15.00
41 LYS NZ	-34.29	-33.81	77.44	15.00
41 LYS C				15.00
41 LYS 0	-36.42	-29.61	82.81	15.00
42 THR N	-35.01		82.17	15.00
42 THR CA			83.32	15.00
42 THR CB			83.49	15.00
The state of the s	-34.11		82.40	15.00
42 THR CG2	-32.77	-26.87	83.51	
42 THR C				15.00
42 THR O	the state of the s			
43 GLY N	-37.30	-26.30	82.24	15.00
	-38.56		82.19	15.00
43 GLY C	er merekanik bibasak di dia		82.03	
43 GLY O	-39.45			
	-37.22		82.10	15.00
	-36.96		81.97	15.00
44 LYS CB	-36.42		83.28	15.00
44 LYS CG	-37.47	-21.47	84.38	15.00
44 LYS CD	-36.85	-21.18	85.72	15.00
44 LYS CE	-36.08	-22.36	86.23	15.00
44 LYS NZ	-37.00	-23.52	86.37	15.00
44 LYS C	-35.99	-21.90	80.82	15.00
44 LYS O	-35.12	-22.73	80.57	15.00
45 LEU N	-36.16	-20.79	80.10	15.00
45 LEU CA	-35.31	-20.46	78.95	15.00
45 LEU CB	-36.19	-20.14	77.73	15.00
45 LEU CG	-35.60	-19.92	76.34	15.00
45 LEU CD1	-35.30	-21.23	75.64	15.00
45 LEU CD2	-36.62	-19.13	75.55	15.00
great the contract of the cont	+ 17 t	. :		

O 97/16177	TABLE D	<b>(</b>		PCT/US96/17512
45 LEU C -34.32	-19.32	79.23	15.00	
45 LEU 0 -34.65	-18.34	79.89	15.00	
46 LEU N -33.11	-19.46	78.68	15.00	
46 LEU CA -32.02	-18.47	78.83	15.00	
46 LEU CB -30.97	-18.94	79.82	15.00	
46 LEU CG -30.95	-18.53	81.29	15.00	
46 LEU CD1 -29.80	-19.23	81.98	15.00	
46 LEU CD2 -30.80	-17.02	81.38	15.00	
46 LEU C -31.33	-18.24	77.48	15.00	
46 LEU O -31.36	-19.10	76.62	15.00	
47 ASN N -30.68	-17.09	77.32	15.00	
47 ASN CA -29.95	-16.81	76.10	15.00	왕사일 : 10일
47 ASN CB -29.88	-15.32	75.78	15.00	
47 ASN CG -31.23	-14.72	75.46	15.00	
47 ASN OD1 -31.79	-13.96	76.25	15.00	
47 ASN ND2 -31.74	-15.03	74.28	15.00	
47 ASN C -28.56	-17.33	76.35	15.00	
47 ASN 0 -27.87	-16.81	77.23	15.00	
48 LEU N -28.16	-18.41	75.67	15.00	
	-18.95	75.85	15.00	
48 LEU CB -26.75	-20.44	75.51	15.00	
48 LEU CG -27.61		76.33	15.00	
48 LEU CD1 -27.10	11.678 (97.862) 11.6	76.11	15.00	
48 LEU CD2 -27.55	-21.06	77.80	15.00	
48 LEU C -25.82		75.02	15.00	
lan news chill first hat Nobel at the first enemy land in the	-17.32	74.19	15.00	
49 SER N -24.53	and in this kind, Authorities as	75.23	15.00	
49 SER CA -23.48		74.55	15.00	
49 SER CB -22.43	and the second of the second o	Contract Contract	15.00	
49 SER OG -21.36		20 1 07 20 2000 C 10000 HT	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
25 14 25 45 A 1 5 A 1 1 A 1 A 1 A 1 A 1 A 1 A 1 A	-18.19	Y 1 1 2 2 4 3 5 1 1 1 1 1	2 1 KW 2 1 GO 11 11 11	왕고 500 중인 시민이를 잃었다는 다
	-19.03		III A. I.	환경 경송화가 가장 있다.
[10] : 이렇게 얼마 아이들이 없다면요. 그는 그 모이는 그들은 본 사람이 주민이다.	-17.69	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 5 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
50 PRO CD -24.26				
	-18.17			경향 교육시대가 성기하기 같다.
50 PRO CB -23.32	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	the state of the state of the state of	15 . See . W. S. S. S. W. W.	
50 PRO CG -23.89	-16.34	70.43	15.00	
50 PRO C -21.01				: : : : : : : : : : : : : : : : : : :
	-18.22	Control of the second control of		
51 GLN N -20.74				
	-15.98	and the same of the same of the same of	15.00	
그렇게 살아보는 것이 없는 이렇게 살았다. 그는 사람들이 살아 있다면 살아 있다. 그런	-14.57			gen sam a sama di kata saya megelatah di dibirah b

WO 97/16177		TABLE	v.	
			*	
51 GLN CG		Contract to the contract of th		15.00
51 GLN CD				and the second
51 GLN OE1	-18.33	-12.73	Annual Control of the	15.00
51 GLN NE2				15.00
51 GLN C	-18.50			
51 GLN 0	-17.27	2777	72.42	
52 ASN N	-19.11	5-7-7 C 127 C 1		15.00
52 ASN CA	-18.38	1 P. F. Branch Branch B. A.		
52 ASN CB	-19.35	-19.26	75.26	15.00
52 ASN CG	-18.67	-20.14	76.30	15.00
52 ASN OD1	-18.91	-19.99		
52 ASN ND2			75.85	15.00
52 ASN C			ting a second of the second	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
52 ASN O	1.00 CONTRACTOR 1	4 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	73.41	15.00
53 LEU N	-18.55			15.00
53 LEU CA				
53 LEU CB	100 K. 40 MA W. 1117 J. G. 6	2002 CO 00 CO 00 CO	to provide the State Tradition	15.00
53 LEU CG			in the Mark State of the	15.00
53 LEU CD1	4 1- 1 J. X. 1888. J. N. 811 18	$Z^{\prime}$ , $Z^{\prime}$ , $Z^{\prime}$ , $Z^{\prime}$ , $Z^{\prime}$ , $Z^{\prime}$ , $Z^{\prime}$	70.79	15.00
- YS - P. J. N. STA NACHANAN I A 15 C.	-19.83	40A 1 B 1 B 260 B 1 B 1 A	72.25	15.00
53 LEU C	-17.06		70.39	was in this filter
53 LEU O		-20.89	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
54 VAL N	-17.43	A 11 MAY 1 MAY 1	69.73	15.00
54 VAL CA	-16.55	. 1999 - A. 191 - 19	68.78	15.00
	-17.06		68.52	15.00
54 VAL CG1	2002 1 1863 - 2000 - 80 A		67.60	15.00
54 VAL CG2	-18.46	-17.18	67.91	15.00
54 VAL C 54 VAL O	-15.12		A 4 1 A 1 A 11 A 11 A 11 A 11 A 11 A 11	and the second s
		-18.68	68.55	15.00
55 ASP N	-15.00	-18.21	70.58	15.00
55 ASP CA 55 ASP CB	-13.71	-18.08	71.23	15.00
55 ASP CB	-13.82	-17.19	72.49	15.00
55 ASP CG	-14.16	-15.76	72.16	15.00
55 ASP OD1	-13.98	-15.35	71.00	15.00
55 ASP OD2 55 ASP C	12.05	-15.03	73.06	15.00
55 ACD O	11.00	10 76	71.60	15.00
55 ASP 0 56 CYS N	-11.78	-TA' 10	71.08	
				15.00
56 CYS CA				
56 CYS C				
56 CYS O				
56 CYS CB	-13.84	-21.68	74.32	15.00

WO 97/16177		TABLE IX		
56 CYS :	SG -14.09	-20.14	.75.26	15.00
57 VAL 1		1 (A. 1971) 1 (A. 1971)		15.00
57 VAL (			70.33	15.00
57 VAL (			69.61	15.00
57 VAL (	CG1 -15.58		4.5	15.00
57 VAL (	CG2 -16.61			
57 VAL (				
57 VAL (	-13.18	19/3/00 14 1 19/00 1 19/01 1		5
58 SER 1	J -11.80	-24.45	69.76	15.00
58 SER 0	A -10.60	-24.55	68.94	15.00
58 SER 0		-25.07	69.79	15.00
58 SER C	G -9.53		71.10	15.00
58 SER C	-10.73	-25.37	67.67	15.00
58 SER C		-25.17	66.72	15.00
59 GLU N	er en Mersker (Med Med Med St. Segen	-26.36	67.70	15.00
59 GLU C	(0.00000)	-27.23	66.55	15.00
59 GLU C	B -12.73	-28.41	66.92	15.00
59 GLU C	18880 1479/100 2011 454 332 332 332 33	-29.30	68.03	15.00
59 GLU C	<ul> <li>10.000 (May 1) or 10.000 (May 20.000)</li> </ul>	. 1004000 (m. 1004) 11. 10. 14. 1044      44.44	69.41	15.00
59 GLU 0		Constant of the Lorent Control of the Control	69.82	15.00
59 GLU 0	\$4,030,000,000,000,000,000,000,000,000,00	APRACOLATE MISSELLE FILLS	70.06	15.00
59 GLU C		-26.48	65.37	15.00
59 GLU 0	5.48 (1540, 2.1)	-26.95	64.23	15.00
60 ASN N		38000000	65.65	15.00
60 ASN C	PARPARA NAMBANA ANTA		64.62	15.00
60 ASN C			e and	15.00
60 ASN C	e, with its factors in the relation for the Par	1875 BARON NAMED 1881	64.87	15.00
60 ASN O	4.1.10.34.102324.25334.25	1.8 3847 90 317 : 11 1 1 1 1 7	65.03	15.00
60 ASN N	·송·스타스 하다 기계 및	A7000 - NO 2013 - 12	64.55	15.00
60 ASN C		the contract of the second		15.00
60 ASN O			55.05	15.00
61 ASP N	-13.28	-22.43 (	53.44	15.00
61 ASP C	A -12.56	-21.22	53.09	15.00
61 ASP C	B -12.53	-21.05	51.57	
61 ASP C	3 -11.12			15.00
61 ASP O	01 -10.18	-20.65	51.83	15.00
61 ASP O	02 -10.96	-20.82	59.79	15.00
61 ASP C	-13.09			
61 ASP 0	the state of the s	-18.85		
62 GLY N		-20.09	4.72	15.00
	-14.55			
62 GLY C	-15.40	-18.19 6	4.33	15.00

97/16177		TABLEI	<b>X</b>	*
62 GLY 0	-16.39	-18.75	63.85	15.00
63 CYS N	-14.98	-16.99	63.94	15.00
63 CYS CA	-15.70	-16.19	62.94	15.00
63 CYS C	-15.40	-16.66	61.53	15.00
63 CYS O	-15.88		60.57	15.00
63 CYS CB	-15.39	-14.70	63.02	15.00
63 CYS SG	-16.14	-13.86	64.44	15.00
64 GLY N	-14.57	-17.68	61.40	15.00
64 GLY CA	-14.26	-18.20	60.08	15.00
64 GLY C	-15.21	-19.31	59.69	15.00
64 GLY 0	-15.23	-77% A 77.5	58.53	15.00
65 GLY N	and the second of the second o	-19.80	60.65	15.00
65 GLY CA		-20.87	60.37	15.00
65 GLY C	The first transfer of	-22.14	61.14	15.00
65 GLY O	$\phi_{ijklk}(t, t, t', t', t', t', t', t', t', t', t'$	-22.38	61.54	15.00
66 GLY N	-17.64	-22.95	61.35	15.00
66 GLY CA	-17.45	-24.19	62.08	15.00
66 GLY C	-18.56	-25.20	61.92	15.00
67 TYR N	-19.38 -18.56	-25.12 -26.18	61.00	15.00
67 TYR CA	-19.55	-20.18 -27.25	62.81 62.80	15.00
67 TYR CB	CAN DEPOSIT NOT SPORT A	-28.59	62.62	15.00 15.00
67 TYR CG	\$18660-0000 s. 4x 2 million	-28.77	61.37	15.00 15.00
67 TYR CD1	-18.68	-28.65	60.11	15.00
67 TYR CE1	NG 900 - BAY BAG 980 NG 1	-28.95	58.95	15.00
67 TYR CD2	-16.77	-29.18	61.44	15.00
67 TYR CE2	-16.05	-29.48	60.30	15.00
67 TYR CZ	-16.65	-29.37	59.06	15.00
67 TYR OH	-15.93	-29.71	57.94	15.00
67 TYR C	-20.31	-27.25	64.11	15.00
67 TYR O	-19.73	-26.97	65.15	15.00
68 MET N	-21.60	-27.57	64.06	15.00
68 MET CA	s indicate industrial and a con-			15.00
68 MET CB	-23.88	-27.79	64.94	
68 MET CG				
68 MET SD	-23.93	-26.55	62.51	15.00
68 MET CE	-25.32	-27.25	61.69	15.00
68 MET C	-21.91	-28.78	66.17	15.00
68 MET 0	-21.81	-28.64	67.39	15.00
69 THR N	-21.56			
	-21.07			•
69 THR CB	-20.66	-32.20	65.31	15.00

wo	97/16177		TABLE	X	
	69 THR OG1	-19.57	-31.77	64.48	15.00
	69 THR CG2	-21.84	-32.58	64.45	15.00
	69 THR C	-19.91	-30.70	67.18	15.00
	69 THR O	-19.94	-31.00	68.37	15.00
	70 ASN N	1 5 West 1991 AV	-30.00	66.64	15.00
	70 ASN CA		-29.54		15.00
	70 ASN CB				15.00
		-15.86	3 7 7 7 7		15.00
y	70 ASN OD1	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-30.72		15.00
	70 ASN ND2		-29.61		15.00
	70 ASN C	-18.17		68.60	15.00
	70 ASN O			69.66	15.00
	grapping operate as the first property and the	-19.20		68.40	15.00
	71 ALA CA		-26.91	69.44	15.00
	71 ALA CB	<ol> <li>A. J. Allerton, Phys. Lett. 57 (1997).</li> </ol>		68.86	
		-20.33			15.00
		-20.26		1	
	NORMA ACCIMINATION OF THE SAF	-20.96	4.6	70.16	15.00
	72 PHE CA	and the second of the second	-29.70	71.13	
	72 PHE CB		-30.66	70.43	
	72 PHE CG		-29.98	69.79	15.00
	72 PHE CD1		-28.84	70.36	15.00
	72 PHE CD2	-24.29			15.00
	72 PHE CE1	-25.35	-28.21	69.79	15.00
	72 PHE CE2	-25.37		68.04	15.00
	72 PHE CZ	61	A	68.62	15.00
	72 PHE C 72 PHE O	-20.59	·	71.96	15.00
	73 GLN N		-30.69	73.15	15.00
	73 GLN CA	-19.48		71.33	15.00
	73 GLN CB				15.00
	73 GLN CG		-32.17 -32.36		
	73 GLN CD				
	73 GLN 0E1				
	73 GLN NE2	-16 37	-34.41	60 44	15.00
	73 GLN 0	-17.70 -17.18	-31 07	74 02	15.00
		-17.64			
	74 TYR CA	-16 96		73.52	. :
	74 TYR CB				15.00
	74 TYR CG				
		-15.16			15.00
	TANK CDT		-23.33	/4.45	12.00

97/16177		TABLE	<b>X</b>	
74 TYR CE1	-14.87	-25.02	75.40	15.00
74 TYR CD2	-17.30	-24.94	74.11	15.00
74 TYR CE2	-17.01	-24.00	75.07	15.00
74 TYR CZ	-15.79	-24.05	75.71	15.00
74 TYR OH	-15.47	-23.11	76.67	15.00
74 TYR C	-17.69	-28.17	74.84	15.00
74 TYR O	-17.07	-28.14	75.89	15.00
75 VAL N	-19.00	-27.98	74.77	15.00
75 VAL CA	-19.82	N 10 20 1 1977 1 17 1	75.97	15.00
75 VAL CB		-27.47	75.58	15.00
75 VAL CG1	-22.13		76.82	15.00
75 VAL CG2		-26.25	74.67	15.00
75 VAL C		-29.01	76.87	15.00
75 VAL 0		-28.91	78.10	15.00
76 GLN N		-30.16	76.26	15.00
76 GLN CA		-31.42	76.97	15.00
76 GLN CB		-32.58		15.00
76 GLN CG	12. 9	-33.95	76.62	15.00
76 GLN CD	-19.67	and the second of the second o	75.58	15.00
76 GLN 0E1	-20.73	-35.62	75.41	15.00
76 GLN NE2	-18.60	1.0	74.86	15.00
76 GLN C		-31.55	77.68	15.00
76 GLN 0 77 LYS N	-17.91	-31.76	78.89	15.00
77 LYS CA	-15.53	-31.41	76.94	15.00
77 LYS CB	Control of the Control	-31.51 -31.56		15.00
77 LYS CG	-14.07		76.46 75.87	15.00
77 LYS CD	-12.80	-30.18	75.01	15.00 15.00
77 LYS CE	-13.01		73.67	15.00
77 LYS NZ				15.00
77 LYS C			78.49	
77 LYS 0			79.41	15.00
78 ASN N	-15.89	-29.22	78 22	15.00
78 ASN CA	-15.73	-28.04	79.05	15.00
e di Garti i vi sittifici	-16.05	-26.77	78.27	
78 ASN CG		-25.51		15.00
78 ASN OD1		-25.35	79.40	15.00
78 ASN ND2	-16.57	-24.59	79.14	15.00
78 ASN C		-28.15		
		-27.45		
79 ARG N		-29.04		
79 ARG CA		-29.26		15.00

-13.79

75.03

74.11

72.99

74.49

15.00

15.00

15.00

15.00

-25.83 -12.69

-24.85 -13.42

-23.68 -13.64

-25.26

84 GLU CG

84 GLU CD

84 GLU OE1

84 GLU OE2

97/16177	TABLE IX				
84 GLU C	-24.73			15.00	
84 GLU O	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-12.84	The state of the s	15.00	
85 ASP N	-25.56				
85 ASP CA		-11.32	79.55	15.00	
85 ASP CB	5. 7 1.255 NASSONALI	-10.32		15.00	
85 ASP CG	-25.45		80.42		
85 ASP OD1		Account to the second second		77 543 77 111	
85 ASP OD2	44 (41 Ave 1 1975 ) 11 (4			15.00	
	-24.32				
	-24.91			15.00	
	-23.11	and the second of the second	in the contract of the contrac	15.00	
86 ALA CA	-22.20		81.22	15.00	
	-22.80	42,42,32 3 cm (0.3%)	81.60	15.00	
86 ALA C	-20.96	The second of the second	80.33	15.00	
86 ALA 0	-19.83	1.00 mg - 1.00 m	and the second of the second	15.00	
87 TYR N		. 1979 - 1971 - 1971	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	15.00	
87 TYR CA			78.00	15.00	
87 TYR CB	-19.74		the second of the second	15.00	
87 TYR CG	4 (1) (1) (4) (4) (4) (4) (4) (4) (4) (4)			15.00	
87 TYR CD1		-14.38	744 (1949 H. M.)	15.00	
87 TYR CE1	-16.54	がはか もんじしだれる		YYY8YV17	
87 TYR CD2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		77.31	15.00	
87 TYR CE2	<ol> <li>4 . 5, 400 (3) 6 10;</li> </ol>	and the second second second	76.72	15.00	
87 TYR CZ	-15.90	KONNER (* 2021)	75.98	15.00	
87 TYR OH		-15.99	75.42		
	and the second of the second o	-13.21	76.73	15.00	
	And the second second second	-13.98	75.86		
88 PRO N	-21.07		76.64	and the first of the second of the second	
88 PRO CD	-20.61	to the second of the second	77.65		
88 PRO CA	-21.72		75.54	15.00	
88 PRO CB 88 PRO CG	-21.69	-9.73	76.00	15.00	
OO PRO C	-21.01	-9.83	77.49	15.00	
88 PRO C	10 00	-11.32	74.15	15.00	
88 PRO O	21.05	-11.01	74.00	15.00	
89 TYR N	-21.93	-11.12	73.14	15.00	
89 TYR CA	-21.33 -22.75	-11.21	71.74	15.00	
89 TYR CB	-22.75	-11.01	70.87	15.00	
89 TYR CG	-24.30	12 11	60.00	15.00	
89 TYR CD1	_21.43 _21.07	-13.11 -12.47	69.29	15.00	
89 TYR CE1	_22 02	-13.47 -11 26	60.02	15.00	
89 TYR CD2 89 TYR CE2	-22.0Z	711.30 -31 72	08.36	15.00	
05 TIR CE2	-66. <b>4</b> 1	-11.72	07.10	12.00	

WO 97/16177		TABLE I	X	
90 mm og	21 62			
89 TYR CZ	-21.53	- 2 - 1999 Br. (1994 - 1900)	N. 390000 N 1110 H	15.00
89 TYR OH 89 TYR C	-21.09 -20.90	-13.11 -9.91	65.69	
89 TYR O	14.3	-9.91 -8.91	71.24	
90 VAL N	15 150 150 150 150 150 150 150 150 150 1	-9.91 -9.92	AND AND SECTION AND ADDRESS.	
90 VAL CA		-8.73	70.61	
90 VAL CB	リー・アーカイダ かっかくりゅう キャッ	-8.68	are the Mark and the second	— — — — — »
90 VAL CG1	1,613,604,327,414,113	70.00.00 on dec 9.800000	72.60	
90 VAL CG2	-16.59	A COUNT HATCHER AND THE	70.43	
90 VAL C	-18.89	a 10% - a Li alikabi 200 ya kati ini i	id i je datat idazeda i Ja	15.00
90 VAL 0		-7.61	68.49	
91 GLY N	-18.98		68.45	15.00
91 GLY CA	-19.04	20 194 NBANG KETALA	67.01	15.00
91 GLY C	-17.71		66.36	15.00
91 GLY O	-17.56	POTE TO A TO A SECURITION OF THE	7	15.00 15.00
92 GLN N	人名英格兰英格兰人姓氏	-10.69	899889000000000000000000000000000000000	15.00
92 GLN CA	-15.43	<ul> <li>9888 9870 9980 608</li> </ul>	99 1 194 1 201 August 20 August 20	15.00
92 GLN CB	-14.62	-9.75	66.38	15.00
92 GLN CG	-14.24		67.68	15.00
	1 × 11 × 2011 (2) × 4 × 6 × 6	-7.66	67.52	15.00
92 GLN OE1	-12.91	-7.19	0.88009404040	15.00
92 GLN NE2	-14.53	289 CO 449 PROCESSOR A 100	66.64	15.00
92 GLN C		-11.92	67.58	15.00
92 GLN O		-11.91	68.79	15.00
93 GLU N		-12.66	67.02	15.00
93 GLU CA		-13.59	67.78	15.00
93 GLU CB	and the second of the	-14.35	66.85	15.00
93 GLU CG	na e fanta establisa e fin	-15.06	65.69	15.00
93 GLU CD	-11.68	-15.45	64.57	15.00
93 GLU OE1	-10.56	-15.94	64.87	
93 GLU OE2			63.39	15.00
	-12.11			
93 GLU O	-11.54			
94 GLU N		-13.46		
94 GLU CA	-11.38	A Committee of the Comm	71.22	
94 GLU CB	No. 1 10 10 10 10 10 10 10 10 10 10 10 10 1	-12.19		
94 GLU CG		-10.82		
94 GLU CD	-13.69	-10.18	72.74	15.00
94 GLU OE1	-13.59	-8.95	72.97	15.00
94 GLU OE2	-14.50	-10.92	73.33	15.00
94 GLU C		-14.12		
94 GLU 0		-15.26		

	WO 97/16177		TABLE	LX		PCT/US96/17512
	95 SER N	-9.87	-13.85	72.90	15.00	
	95 SER CA	-9.24	-14.91		15.00	
	95 SER CE	-8.09	-14.36	74.52	15.00	
	95 SER OG		-13.24	75.28	15.00	
	95 SER C	10.48		74.59	15.00	
i kansa	95 SER O	-11.03	White light and the first	5 to 12	15.00	
	96 CYS N		-16.84		15.00	
	96 CYS CA 96 CYS C		-17.54		15.00	
	96 CYS 0	-11.55 -10.69	-17.08 -17.37		15.00	
	96 CYS CB	<ul> <li>1. A 1/2 March 1988 (1982) 1 (1982)</li> </ul>	-17.37 -19.06	77.66 75.31	15.00	
	96 CYS SG	NEWSON OF SOME OF SOME			15.00 15.00	
	97 MET N		-16.32	77.10	15.00	
	97 MET CA	NOTE IN THE PROPERTY AND ADMIN	-15.80	78.44	15.00	
	97 MET CB	1124000 244 JONES 280 2404 J	-14.29	78.41	15.00	
	97 MET CG	-11.97	e, attack of the contraction	78.13	2,62 , 426 2 3	
	97 MET SD	-12.05	-12.55	76.50	15.00	
	97 MET CE	-13.66	-11.72	76.66	15.00	
	97 MET C	ek ili bil i alki waki kirin Si	-16.57	79.13	15.00	
	97 MET 0	DOMENT AMONG A ANGLA	-15.96	79.66	15.00	
	98 TYR N	i doli Ni divilati attata alla Pini	-17.90	79.15	15.00	
	98 TYR CA	n 4 0,000 a 24 0546 1134 a 22 0	-18.68	79.80	15.00	
	98 TYR CB	0.8768/PET 288.688/PET 47.578	-20.17	79.54	15.00	
	98 TYR CG 98 TYR CD	ATTENDED TO ANNUAL SATURATION OF THE SATURATION	-21.01	80.24	15.00	
	98 TYR CE	2001 2   BY 9839001 KG ANKA	-20.84 -21.59	79.95	15.00	
	98 TYR CD		-21.96	80.59 81.19	15.00 15.00	
	98 TYR CE	\$B1100000000000000000000000000000000000	-22.73	81.83	15.00	
	98 TYR CZ	ny i Characana Nila ara	-22.53	81.53	15.00	
	98 TYR OH			82.16	15.00	
X.	98 TYR C	<ul> <li>1.1 March 1980/1981 14 (1985) 19</li> </ul>	-18.42	81.29	15.00	
	98 TYR 0	-14.28	-18.80	grav Gritokret, v s	15.00	
	99 ASN N	-16.21	-17.74	81.62	15.00	
	99 ASN CA	-16.59	-17.38	82.98	15.00	
	99 ASN CB		-16.16	82.93	15.00	
	99 ASN CG		-15.66	84.29	15.00	
		-17.61	-16.27	85.32	1. P - A 1. P 10.00	
	99 ASN ND2	400	-14.53		15.00	
	99 ASN C 99 ASN O	-17.30	the second of the back to be a second	83.57	15.00	
	100 PRO N		-18.81	83.35	15.00	
	100 PRO CD	the contract of the contract o	-19.46 -19.31		15.00	
	ZOU INO CD			84.81	15.00	
			i verga (from a vergi) (from a vergi			
			4 L L			
- 2						

O 97/16177		TABLE	<b>X</b>		PCT/US96/17512
100 PRO CA	-17.20	-20.67	84.94	15.00	
100 PRO CB				15.00	
100 PRO CG				15.00	
100 PRO C	-18.40	-20.36	85.82		
100 PRO O	-19.33	-21.16	85.93	15.00	
101 THR N					
101 THR CA					
101 THR CB	-19.06	-17.44	88.03		
101 THR OG1	-17.64	-17.23	87.93	15.00	
101 THR CG2	-19.46	-17.51	er de de la companya	15.00	
101 THR C	-20.74	-18.53			
101 THR 0	-21.82	-18.83	87.07	15.00	
102 GLY N	-20.64	-18.01	85.35	15.00	
TUZ GLI CA	-21.00	-11.15	84.58	15.00	
102 GLY C	-22.38	-18.91	83.77	15.00	
102 GLY 0		-18.70			
103 LYS N	-21.85	-20.12	83.98	15.00	
103 LYS CA	-22.32	-21.28	83.21	15.00	
103 LYS CB					
103 LYS CG	-22.20	-23.22	84.86	15.00	
103 LYS CD	-21.67	-24.63	85.01	15.00	
103 LYS CE	-22.02				
103 LYS NZ	-23.49	-25.45	83.60	15.00	
103 LYS C	-23.83	-21.40	83.35	15.00	
103 LYS O	-24.37	-21.25	84.45	15.00	
104 ALA N	-24.51	-21.65	82.24	15.00	
104 ALA CA	-25.96	-21.74	82.28	15.00	
	-26.57	-20.48	81.67	15.00	
104 ALA C	-26.55	-22.97	81.62	15.00	
104 ALA O	-27.76	-23.22	81.72	15.00	
105 ALA N	-25.70	-23.76	80.97	15.00	
105 ALA CA		-24.96	80.31	15.00	
105 ALA CB	-26.66	-24.65	78.91	15.00	
105 ALA C	-25.10	-26.02	80.24	15.00	
105 ALA O	-23.91	-25.72	80.09	15.00	
106 LYS N	-25.53	-27.26	80.40	15.00	
106 LYS CA	-24.65	-28.41	80.36	15.00	
106 LYS CB		-29.23	20.5	15.00	
106 LYS CG		-28.65	82.83		
106 LYS CD	-22.56	-28.96	82.80	15.00	
106 LYS CE	-22.28	-30.46	82.89	15.00	
106 LYS NZ	-22.56	-31.21	81.62	15.00	
	The second section of the second seco		and the second s		

WO 97/16177		TABLE L	<b>x</b>		PCT/US96/17512
106 LYS C	-25.08	-29.23	79.17	15.00	
106 LYS 0					
107 CYS N		-30.15			
107 CYS CA					
107 CYS CB					
107 CYS SG	-24.10	-31.36	74.81	15.00	
107 CYS C	-23.81	-32.31	77.94	15.00	
107 CYS 0	-22.94	-32.34	78.81	15.00	
108 ARG N				15.00	
108 ARG CA				15.00	
108 ARG CB	-24.27	-35.46	78.66	15.00	
108 ARG CG			and the first of the second		
108 ARG CD			adding the section of the contract of	and the second of the second	
108 ARG NE		A 5	SAME SERVICE CONTRACTOR	N. C	
108 ARG CZ	A 1 (1) 1 (1) 1 (1)	1 to	the second second second	15.00	
108 ARG NH1					
108 ARG NH2	-28.48	-39.29	A 0.1 (1971) (1984) 1. 2.	MESTALIAN SOLI	
108 ARG C				15.00	
108 ARG O			4.50 (4.50 (5.00 (4.50 )	15.00	
109 GLY N 109 GLY CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			こうゆいてんてん しょく	
u in antonioprazioni del sinterna propinti il militario		-35.59	* """	15.00	
109 GLY C 109 GLY O	The state of the s	-34.65 -33.73	W	1900	
110 TYR N		and the state of the second of	A first territor and	15.00	
110 TYR CA				15.00	
110 TYR CB			Maria de la trave	15.00	
110 TYR CG				15.00	
110 TYR CD1	10 A 611 11 6 A 111	15 11	James Medical Control	15.00	
110 TYR CE1	44 C. L. N. S. 1950, 1854	1 400 00 11 1 1	NAME (ESTITE OF STATE	15.00	
	-22.74		Marking dia 1	15.00	
110 TYR CE2			67.07		
110 TYR CZ	ti i artikarit i akti a	- 100 to 100 for 1 100 to 1	67.72		
	-19.24		67.05		
proceedings of the first the first transfer of the first transfer	-25.16	2 Y 1 10 22 W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15.00	
110 TYR O	-24.41	-36.99	27	15.00	
111 ARG N	-26.32	-35.87		15.00	
111 ARG CA	-26.83	and the first state of the stat	i a li talen i a a a	15.00	
111 ARG CB				15.00	
111 ARG CG				15.00	
111 ARG CD	-28.52		Black Strain Control	15.00	
111 ARG NE	-27.97	-40.28	68.49	15.00	
111 ARG CZ	-28.38	-41.48	68.10	15.00	

WO 97/16177	and the second of the second o	TABLE I	X	
111 ARG NH1	-27.83	-42.06	67.03	15.00
111 ARG NH2	-29.32	-42.12	68.78	15.00
111 ARG C	-27.01	-36.25	66.52	15.00
111 ARG O	-27.32	-35.07	66.39	15.00
112 GLU N	-26.81	-37.06	65.50	15.00
112 GLU CA	-26.94	-36.62	64.12	15.00
112 GLU CB	-25.68	-36.90	63.30	15.00
112 GLU CG	-24.42	-36.10	63.68	15.00
112 GLU CD	-23.23	-36.42	62.77	15.00
112 GLU OE1	-22.07	-36.07	63.13	15.00
112 GLU OE2	-23.44	-37.01	61.69	15.00
112 GLU C	-28.14	-37.26	63.44	15.00
112 GLU 0	-28.60	-38.33	63.84	15.00
113 ILE N	-28.61	-36.60	62.39	15.00
113 ILE CA	-29.74	-37.06	61.60	15.00
113 ILE CB	-30.51	-35.84	61.05	15.00
113 ILE CG2	-31.61	-36.25	60.09	15.00
113 ILE CG1	-31.10	-35.06	62.22	15.00
113 ILE CD1	-32.01	-35.89	63.07	15.00
113 ILE C	-29.15	-37.84	60.43	15.00
113 ILE O	-28.13	-37.44	59.88	15.00
114 PRO N	-29.74	-38.99	60.08	15.00
114 PRO CD	-30.93	-39.67	60.65	15.00
114 PRO CA	-29.19	1. 11 (4) STREW P. S. W. P. P.	58.95	15.00
114 PRO CB	-30.23	-40.86	58.75	15.00
114 PRO CG	-30.78	-41.07	60.12	15.00
114 PRO C	-29.18	-38.82	57.75	15.00
114 PRO O	-30.23	-38.35	57.30	15.00
115 GLU N	-27.98	-38.53	57.25	15.00
115 GLU CA	-27.81		56.11	15.00
	-26.36	-37.71	55.63	15.00
115 GLU CG		-38.96		
115 GLU CD				
115 GLU OE1	-26.79	-39.55	52.65	15.00
115 GLU OE2	-25.52	-37.74	52.85	15.00
115 GLU C	-28.81			
115 GLU O	-28.93	-38.86	54.37	15.00
116 GLY N	-29.54	-36.73	54.67	15.00
116 GLY CA	-30.51	-36.71	53.59	15.00
116 GLY C	-31.88	-37.25	53.92	15.00
	-32.76	-37.31	53.05	15.00
117 ASN N	-32.09	-37.61	55.18	15.00
Company of the second of the second			18 77 7 7	A Section 1

O 97/16177	1 44 - 6	TABLEI	X	
117 ASN CA	-33.37	-38.18	55.61	15.00
117 ASN CB	-33.13	-39.38		
117 ASN CG	-34.42	-40.02	57.01	15.00
117 ASN OD1	-35.53	-39.60	56.65	15.00
117 ASN ND2	マー・コール こうしき かんだ	-41.06	57.83	15.00
117 ASN C		-37.19	56.27	15.00
117 ASN 0	77 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-37.10	57.50	15.00
118 GLU N		-36.50	1 4 304 1 4 4 6 6 6 7 7	15.00
118 GLU CA		-35.52	A 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	15.00
118 GLU CB	-36.81	<ul> <li>1. 1. 2. 3. 4. 4. 7 (20) 2005, 11. 3.</li> </ul>	54.83	15.00
118 GLU CG	-36.06	1888 1884 C 1888 1884 C	54.15	15.00
118 GLU CD	-36.96	-32.95	53.26	15.00
118 GLU OE1		-33.39	52.11	15.00
118 GLU OE2	-37.46	s franciska Orivirustič	53.72	15.00
118 GLU C	an i Derber e Greek filter	-36.09	56.96	15.00
118 GLU 0	-37.48	14. 9 vad iz 3009000 voto	57.88	15.00
119 LYS N	** ** * * * * * * * * * * * * * * * * *	-37.36	56.79	15.00
119 LYS CA	-38.33	-37.99	57.71	15.00
119 LYS CB		-39.30	57.15	15.00
119 LYS CG		-39.34	57.05	15.00
119 LYS CD 119 LYS CE		-38.10	56.34	15.00
119 LYS NZ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-38.10 -36.84	56. <b>44</b>	15.00
119 LYS C		-30.64 -38.16	55.99 59.09	15.00
119 LYS O	-38.36	10. Jan 10.00 C. M.S. J. Dr. 10. Sept. (20.5). (1	60.09	15.00 15.00
120 ALA N	-36.45	Turk 1/1 (1999) 38/19 18/19	59.15	15.00
or the con-	-35.77	A 10	60.44	15.00
120 ALA CB	-34.45	5 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	60.27	15.00
120 ALA C		-37.40	61.08	15.00
120 ALA O	10 a	-37.31	62.30	15.00
121 LEU N	2			
121 LEU CA			60.78	15.00
121 LEU CB	-34.93	-33.98	59.69	15.00
121 LEU CG	-34.71	-32.55	60.19	15.00
121 LEU CD1	-33.44	-32.47	61.03	15.00
121 LEU CD2	-34.62	-31.58	59.02	15.00
121 LEU C	-36.70	-34.57	61.37	15.00
121 LEU O			62.45	ARTHUR AND MORE ENVIRON
122 LYS N	-37.77	-34.88		
122 LYS CA	-39.12	-34.58	61.09	15.00
122 LYS CB			60.12	15.00
122 LYS CG	-41.58	-34.91	60.49	
	5-5-		63.2 3.2.3	

17.00		A STATE OF THE STATE OF	The Eastern March	and the second of the second
122 LYS CD				15.00
122 LYS CE		-35.15		15.00
122 LYS NZ	-44.83	-35.53	58.58	15.00
122 LYS C	-39.29	-35.19	62.48	15.00
122 LYS 0	-39.68	-34.50	63.42	15.00
123 ARG N	-38.95	-36.47	62.59	15.00
123 ARG CA	-39.04	-37.19	63.86	15.00
123 ARG CB	-38.64	-38.65	63.70	15.00
123 ARG CG	-39.66	-39.49	62.94	15.00
123 ARG CD	-39.69	-40.93	63.45	15.00
123 ARG NE	-38.49	-41.71	63.12	15.00
ACT SOFT OF A COUNTY OF A MANAGEMENT OF	-38.54	-42.87	62.47	15.00
123 ARG NH1	-39.71	-43.37	62.09	15.00
123 ARG NH2	-37.42	-43.54	62.20	15.00
123 ARG C	-38.19	-36.51	64.93	15.00
123 ARG 0	-38.63	-36.34	66.05	15.00
124 ALA N	-36.98	-36.12	64.57	15.00
124 ALA CA	-36.09	-35.45	65.50	15.00
124 ALA CB	-34.77	-35.16	64.86	15.00
124 ALA C	-36.70	-34.15	66.00	15.00
124 ALA 0	-36.77	-33.93	67.21	15.00
125 VAL N	-37.14	-33.31	65.08	15.00
125 VAL CA	-37.72	-32.03	65.45	15.00
etilebil ill North Committee billion be	-38.13	-31.20	64.21	15.00
125 VAL CG1	-38.87	-29.94	64.63	15.00
125 VAL CG2	-36.90	-30.81	63.41	15.00
125 VAL C	-38.90	-32.21	66.39	15.00
125 VAL 0	-39.02	-31.48	67.36	15.00
126 ALA N	-39.75	-33.20	66.13	15.00
126 ALA CA	en in a final consistence in the constitution of the constitution	Switzbled Title 4 A. R. S. P. P. S. A. S.	66.99	15.00
esal est in the first control of the situation of	-41.96	-34.25	66.25	15.00
126 ALA C	-40.58	-34.09	68.33	15.00
126 ALA O	ACRES 12 A SALE SALES SEE A SALES SALES	are the constraint of the constraint of	Control of the second the second of	The said of the control of
127 ARG N		-35.12	68.30	15.00
127 ARG CA	-39.38		69.52	
127 ARG CB		-37.21	69.20	
127 ARG CG	-39.74	and the state of the first time to	68.36	15.00
127 ARG CD			68.39	15.00
127 ARG NE	-39.68			
127 ARG CZ	-40.95			
127 ARG NH1	-41.25	-41.36	65.96	15.00
127 ARG NH2	-41.92	-39.90	67.59	15.00
	MARKET MARKET			18.4 H. H.

O 97/16177		TABLE	X	
127 ARG C	-38.41	-35.07	70.40	15.00
127 ARG 0	-38.63	[1999:19.08] kita (1904) [1986] [1986] [1986]	71.60	15.00
128 VAL N	-37.33	-34.58	69.81	15.00
128 VAL CA	-36.30	-33.85	algericht Steiner der Gebert der der Gebert der	
128 VAL CB	-34.95	<ol> <li>Miller &amp; Land 1 (1997)</li> </ol>	69.83	15.00
128 VAL CG1	-33.89	-33.20	70.59	15.00
128 VAL CG2	-34.56	-35.42	69.68	15.00
128 VAL C	-36.62	-32.39	70.77	15.00
128 VAL 0	-36.73	-31.94	71.90	15.00
129 GLY N	-36.70	-31.64	69.68	15.00
129 GLY CA	-36.98	-30.21	artifor at the con-	15.00
129 GLY C	-36.20	-29.51	68.66	15.00
129 GLY 0	-35.93	-30.12	67.63	15.00
130 PRO N	-35.81	-28.24	68.86	15.00
130 PRO CD	-36.15	-27.39	70.00	15.00
130 PRO CA	-35.06	-27.48	67.86	
130 PRO CB	-34.77	-26.18	68.58	15.00
130 PRO CG	-36.00	-26.00	69.41	15.00
130 PRO C	-33.78	-28.20	67.49	15.00
130 PRO O	-32.98	-28.51	68.37	15.00
131 VAL N	-33.60	-28.46	66.19	15.00
131 VAL CA	-32.42	-29.16	65.69	15.00
MARTINES DE LA CARRESTA DE SERVICIO DE LA CONTRACTOR DE L	-32.80	-30.40	64.82	15.00
131 VAL CG1	-31.55	-31.10	64.33	15.00
131 VAL CG2	MODELLAND STORY A 44	-31.37	65.60	15.00
131 VAL C	-31.54	-28.26	64.83	15.00
131 VAL O		-27.54	63.96	15.00
132 SER N		-28.35		15.00
132 SER CA	-29.27	-27.55	64.31	15.00
132 SER CB	a da incidentalia da la compania del como de la compania del como del como del como del como del como del como	-27.54	65.04	15.00
132 SER OG	-28.09	-27.80	66.43	15.00
132 SER C	-29.11	-28.11		
132 SER 0	-28.80			15.00
133 VAL N	-29.34	-27.29	61.88	15.00
133 VAL CA	-29.20	-27.74	60.49	15.00
133 VAL CB	-30.5/	-27.83	59.76	15.00
133 VAL CG1	-31.29	-29.10	60.15	15.00
133 VAL CG2	-31.42	-26.63	60.06	15.00
133 VAL C	-28.26	-26.86	59.67	15.00
133 VAL U	-27.82	-25.81	60.14	15.00
134 ALA N	-27.93	-27.29	58.46	15.00
134 ALA CA	-27.05	-26.53	57.59	15.00

TABLETX

D 97/16177	TABLE IX				
140 THR CG2	-28.67	-12.47	45.23	15.00	
		-14.34			
140 THR O	-32.12	-13.52			
141 SER N	-32.37	-15.35			
141 SER CA	-33.79	-15.49	46.43	15.00	
141 SER CB		-16.53		and the first terminal and the	
141 SER OG	-33.70	-17.71	45.45	15.00	
141 SER C	-34.00	-15.80	47.91		
141 SER 0	-34.99	-15.38	48.50	15.00	
142 PHE N		-16.54		15.00	
142 PHE CA				15.00	
142 PHE CB		-17.88		15.00	
142 PHE CG		-18.18		15.00	
142 PHE CD1		-19.22		15.00	
142 PHE CD2		-17.42		15.00	
142 PHE CE1				15.00	
142 PHE CE2		the state of the s		15.00	
142 PHE CZ	-31.81	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15.00	
142 PHE C		-15.60		15.00	
	-33.80			15.00	
143 GLN N					
143 GLN CA		-13.54	50.93	15.00	
143 GLN CB		-13.03		15.00	
(人) (4) (4) (4) (4) (4) (4) (4)	-29.20		50.70	15.00	
143 GLN CD		-13.71	49.91		
143 GLN 0E1 143 GLN NE2					
143 GLN C		-14.63 -12.47		15.00	
143 GLN 0				15.00	
144 PHE N		-12.27	51.97	15.00	
144 PHE CA	-34-54	-11 27	40 70	15.00	
144 PHE CB	-34 55	-10 47	49.79	15.00	
144 PHE CG	-34.68	-11 30	47 25	15.00	
144 PHE CD1	-33.69	-11.28	46 28	15.00	
144 PHE CD2	-35.81	-12.07	47 03	15.00	
144 PHE CE1	-33.82	-12.00	45.10	15 00	
144 PHE CE2	-35.95	-12.79	45.85	15.00	
144 PHE CZ	-34.95	-12.76	44.89	15.00	
144 PHE C	-35 92	-11 84	50 10	15 00	
144 PHE 0	-36.95	-11.28	49.70	15.00	
145 TYR N	-35.94	-12.99	50.77	15.00	
145 TYR CA	-37.17	-13.65	51.15	15.00	
THE STATE OF THE S		and the second s			

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97/16177	. • • •	TABLE I	X		PCT/US96/17512
145 TYR CB	-36.88	-15.04	51.74	15 00	
	-38.04				
145 TYR CD1					
145 TYR CE1		V			
145 TYR CD2					
145 TYR CE2					
145 TYR CZ				the state of the s	
145 TYR OH					
145 TYR C					
145 TYR O					
146 SER N					
146 SER CA					
146 SER CB					
146 SER OG					
	-41.29	and the first of the second of	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the second of the second	
146 SER O	-41.83	-12.48	54.51	15.00	
147 LYS N	-41.76	-13.63	52.58	15.00	
147 LYS CA					
147 LYS CB	-44.22	-13.50	52.79	15.00	
147 LYS CG	-44.61	-13.04	51.39	15.00	
147 LYS CD	-45.75	-12.03	51.44	15.00	
147 LYS CE	-45.98	-11.35	50.09	15.00	
147 LYS NZ	-47.01	-10.28	50.19	15.00	
147 LYS C	-43.16	-15.60	51.95	15.00	
147 LYS 0	-42.49	-15.70	50.92	15.00	
148 GLY N		-16.50		15.00	
148 GLY CA		-17.71		15.00	
148 GLY C	-43.51	-18.90	52.07	15.00	
	-42.99	-18.90	53.18	15.00	
149 VAL N	-43.43	-19.92	51.22	15.00	
		-21.12			
149 VAL CB		-22.39		15.00	
149 VAL CG1		-23.64	The second second	15.00	
149 VAL CG2		-22.35	52.45	1.00	
149 VAL C	-41.53		50.47		화한 경기 전환
149 VAL 0		-21.48			
150 TYR N		-20.80			
150 TYR CA		-20.78		15.00	
150 TYR CB		-20.25			
150 TYR CG		-20.12		15.00	
150 TYR CD1		-19.13		15.00	
150 TYR CE1	-35.51	-19.02	48.09	15.00	

	. : : : : : : : : : : : : : : : : : : :			
O 97/16177		TABLE	X	
150 TYR CD2	-35.64	-20.99	50.05	15.00
150 TYR CE2	-34.51		49.24	15.00
150 TYR CZ	-34.45		48.26	the state of the first of the second
150 TYR OH	-33.36		47.42	
150 TYR C		-22.11	49.33	
150 TYR 0	-38.81	-23.15	49.98	15.00
151 TYR N	-38.77	-22.06	48.01	15.00
151 TYR CA	-38.39	-23.22	47.21	15.00
151 TYR CB	-39.55	-24.11	46.79	15.00
151 TYR CG	-39.06		45.98	15.00
151 TYR CD1	-37.99	-26.08	46.43	15.00
151 TYR CE1	-37.47	-27.12		15.00
151 TYR CD2	-39.60	-25.61	44.73	15.00
151 TYR CE2	-39.09	-26.64	43.95	15.00
151 TYR CZ	-38.02	-27.39	44.43	15.00
151 TYR OH	-37.46	-28.37	43.65	15.00
151 TYR C	-37.65	-22.71	45.98	15.00
151 TYR 0	-38.13	-21.81	45.29	15.00
152 ASP N	-36.50	-23.30	45.71	15.00
152 ASP CA	-35.69	-22.88	44.58	15.00
152 ASP CB	-34.92	-21.62	44.94	15.00
152 ASP CG	-34.31	-20 <b>.9</b> 5	43.75	15.00
152 ASP OD1	-33.30		43.24	15.00
152 ASP OD2	-34.83	-19.90	43.34	15.00
152 ASP C	-34.74	-24.00	The second of the second of the	15.00
152 ASP 0	-33.67			15.00
153 GLU N	-35.12	-24.77	43.14	15.00
153 GLU CA	-34.30	-25.88	42.66	15.00
153 GLU CB	-34.99	-26.68	41.55	15.00
153 GLU CG	-35.86	-25.85	40.61	15.00
153 GLU CD	-35.20	-24.55	40.21	15.00
153 GLU OE1	-35.85	-23.49	40.40	15.00
153 GLU OE2				
153 GLU C	-32.88	-25.53	42.24	15.00
153 GLU 0		-26.41		
154 SER N	-32.56	-24.24	42.24	15.00
154 SER CA	-31.21	-23.81	41.87	15.00
154 SER CB	-31.23	-22.38	41.29	15.00
154 SER OG	-29.99	-22.04	40.68	15.00
154 SER C		-23.92		
	-29.08			
155 CYS N	-30.95	-24.11	44.26	15.00

WO 97/16177		TABLE	X	
155 CYS CA	-30.25	-24.27	45.52	15.00
155 CYS C	化化氯化铁矿 经收益 经货币	-25.57	とうかん かり しかがいかい	15.00
155 CYS O		-26.60	<ul> <li>2. 2. 2. 2. 2. 2. 3. 4.22 A.22 A.22</li> </ul>	15.00
155 CYS CB	The state of the s	-24.29	ATM TO SELECT THE SELECTION OF THE SELEC	4,000,000,000,000,000,000,000,000
155 CYS SG	7 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-24.05	11 4 1 10 to 10 11 to 2 1	- 5.00 00.00 00 00 00 00 00 00 00 00 00 00
156 ASN N	And the second second second second		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.00
CHERNAL PRODUCTION AND COMPANY	-27.32	and the property of the party of the	A CONTRACTOR OF STREET	15.00
156 ASN CB	-25.94	-26.34		15.00
156 ASN CG		-27.52		15.00
156 ASN OD1	-25.41	-28.68	45.25	15.00
156 ASN ND2	-23.72	-27.24	44.86	
		-27.54	grande and the first state of the con-	
156 ASN 0	-26.43	-27.15	47.94	15.00
157 SER N		-28.71	47.05	15.00
157 SER CA	-27.75	-29.59	48.22	15.00
157 SER CB	-28.54	-30.87	47.97	15.00
157 SER OG	-29.86	-30.55	47.53	15.00
157 SER C	-26.34	-29.93	48.65	15.00
157 SER O	-26.09	-30.17	49.82	15.00
158 ASP N		-29.97	47.69	15.00
158 ASP CA	-24.04	-30.32	47.98	15.00
158 ASP CB	-23.39	-30.98	46.77	15.00
158 ASP CG	7 1 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	erest, to the first terminal		15.00
158 ASP OD1		the state of the s	45.30	15.00
158 ASP OD2	-24.16	-33.22	46.38	15.00
	-23.23		48.47	15.00
	-22.07		48.88	15.00
159 ASN N	The second second	-27.94	48.44	15.00
	100	-26.74	1. 2.3d (A.1.1)	15.00
159 ASN CB	-23.23	-25.65	47.79	15.00
159 ASN CG				
159 ASN OD1	-21.20	-24.43	48.25	15.00
159 ASN ND2	-23.13	-23.30	48.37	15.00
159 ASN C	-23.72	-26.25	50.20	15.00
159 ASN 0				
160 LEU N		-26.89		
160 LEU CA	-23.78	-26.48	52.62	15.00
160 LEU CB	-23.80	-27.66	53.59	15.00
160 LEU CG	-24.71	-28.86	53.26	15.00
160 LEU CD1	-24.59	-29.92	54.34	15.00
160 LEU CD2				
160 LEU C	-22.89	-25.34	53.12	15.00

/O 97/16177		TABLE	IX.	
160 LEU O	-21.71	-25.55	53.43	15.00
161 ASN N	-23.46	-24.15	53.23	15.00
161 ASN CA	-22.70	-22.98	53.65	15.00
161 ASN CB	-22.49	3. m/Water & 2000.	52.46	15.00
161 ASN CG	-23.80	<ul> <li>101 (1965) 300 Hove 990 (4)</li> </ul>	51.80	TO INTERPOLATE AND TAXABLE
161 ASN OD1	-24.62		517 7 April 10 10 10 10 10 10 10 10 10 10 10 10 10	15.00
161 ASN ND2		-22.04		
161 ASN C		-22.19	e Kill Make Care and a second	
161 ASN 0	-22.50	T - A . W 18286 U.S.		(4) 質ける (知道45) し
162 HIS N		-22.38	55.16	
162 HIS CA	-25.09	<ul> <li>1 4 4 5 6 7 7 8 7 8 7 8 7 9 7 9 7 9 7 9 7 9 7 9 7</li></ul>	56.25	and the second s
162 HIS CB	and the first of the second second	-20.60	55.70	0 4.7 % NO NE NO
162 HIS CG		-19.45		<ul> <li>Apple 10 (Apple Apple)</li> </ul>
162 HIS CD2	e frances of the filter		57.02	
162 HIS ND1 162 HIS CE1	-25.89	-18.74	57.27	医抗抗性 医视光压力
162 HIS NE2	A	**************************************	58.01	
162 HIS C	-27.20 -25.73	-17.85 -22.52	57.88	15.00
162 HIS O			57.32	15.00
163 ALA N	-25.29	the second second second second		15.00
163 ALA CA	-25.82	- 5 Turner 1999 - 1990 1991	58.56 59.68	15.00 15.00
163 ALA CB	-24.83	-23.11	60.82	15.00
163 ALA C	-27.09	-22.35	60.10	15.00
163 ALA 0		-21.12	60.04	15.00
164 VAL N		-23.10	60.57	
164 VAL CA	-29.33	1 No. 60, 9000 ASS 111, 910	60.95	
164 VAL CB	-30.15	-22.28	59.67	15.00
164 VAL CG1			59.31	15.00
164 VAL CG2	-30.94	-21.02	59.76	15.00
164 VAL C	-30.02	-23.41	62.00	15.00
164 VAL O	-29.40	-24.32	62.53	15.00
165 LEU N	-31.28	-23.14	62.31	15 00
165 LEU CA	-31.97	-23.95	63.31	15.00
165 LEU CB	-31.89	-23.27	64.69	15.00
165 LEU CG	-32.54	-23.86	65.94	15.00
165 LEU CD1	-31.64	-24.89	66.56	15.00
165 LEU CD2	-32.80	-22.75	66.92	15.00
165 LEU C	-33.42	-24.23	62.94	15.00
165 LEU O	-34.17	-23.31	62.68	15.00
166 ALA N	-33.78	-25.51	62.87	15.00
166 ALA CA	-35.16	-25.91	62.55	15.00
166 ALA CB	-35.20	-27.32	62.01	15.00

O 97/16177		TABLE	<b>IX</b>	
166 ALA C	-35.95	-25.80	63.83	15.00
166 ALA 0	aran darah kecampanan berbia.	-26.47	and the second of the second o	15.00
167 VAL N	-36.93	-24.91	63.82	15.00
167 VAL CA	-37.77	-24.62	64.97	15.00
167 VAL CB	-37.87	-23.05	65.10	15.00
167 VAL CG1	-39.11	-22.60	65.81	15.00
167 VAL CG2	-36.64	-22.53	65.82	15.00
167 VAL C		-25.30		15.00
167 VAL O	-39.98	-25.17	65.77°	15.00
168 GLY N		-26.05	TO PONCE DOWNER OF A SEC	15.00
168 GLY CA		-26.73		15.00
168 GLY C	-40.88	-27.11	62.23	15.00
168 GLY O	POWER AND SHOULD BE	-27.09	<ul> <li>(1) And Anthone</li> </ul>	15 M 2 G 3 17 W 2 C 2 C
	4. * * * * * * * * * * * * * * * * * * *	-27.45		20 OF 12 120 FM 12
169 TYR CA	-42.52	-27.84	60.57	15.00
169 TYR CB	-000 19 to 10 0 1 to 10 1 1 1 1	-29.24	60.21	15.00
169 TYR CG	-42.49	-30.37	61.09	15.00
169 TYR CD1	-43.82	-30.80	61.01	15.00
169 TYR CE1	-44.30	-31.81	61.82	15.00
169 TYR CD2	-41.66	-30.99	62.01	15.00
169 TYR CE2	-42.13	-32.01	62.83	15.00
169 TYR CZ	-43.46	-32.41	62.73	15.00
169 TYR OH	-43.96	-33.41	63.53	15.00
169 TYR C	-44.03	-27.76	60.48	15.00
169 TYR O		-27.65	DV 1/2/8/1907 DV 19/19/1	15.00
170 GLY N		-27.80		15.00
170 GLY CA	-46.01	-27.72	59.11	15.00
170 GLY C	-46.48		The Mark Mark Street	15.00
170 GLY 0	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		56.75	15.00
171 ILE N			57.50	15.00
171 ILE CA			56.18	15.00
171 ILE CB	STORY AND A STORY OF THE STORY	and the state of the state of	55.85	15.00
171 ILE CG2			55 <b>.5</b> 5	15.00
171 ILE CG1				
171 ILE CD1	-51.40	-26.48	56.97	15.00
171 ILE C	-48.63	-25.10	56.07	15.00
171 ILE 0	-48.87	-24.44	57.08	15.00
	-48.75			
	-49.27			
172 GLN CB				
172 GLN CG				
172 GLN CD	-47.49	-19.92	54.36	15.00

WO 97/16177		TABLE IX	
172 GLN 0E1	-47.54	-19.28 55.40	15.00
172 GLN NE2	-46.46	-19.83 53.52	
172 GLN C	-50.46	-23.45 53.67	15.00
172 GLN 0	-51.49	-24.00 54.07	15.00
173 LYS N	nach der sein Gastrickluser i	-23.07 52.41	
TO SEE THE SECOND OF AN ARCHIVE NAME OF A SECOND OF THE SE	A No. 4 Co.	-23.21 51.46	1,717,173,734,717
173 LYS CB	and the property of the first	-22.10 50.42	Decided the second of the seco
173 LYS CG		-20.70 51.04	
173 LYS CD	15/2004 - 15/6/2011 Notification	-20.45 51.78	15.00
173 LYS CE	-53.81	na di kasi berakwanya iliwasa Banin ilifi. P	15.00
173 LYS NZ			15.00
173 LYS C		-24.57 50.86	[4] S. A. G. SARSER, 38
173 LYS 0	-50.84	김 김 음악 교육원들은 사이는 그 것이 그 그가	15.00
174 GLY N	-51.19	a Milayye yaki ali ili ili bilayi ya kito tifi il	
174 GLY CA	-50.98	선생님 그는 사람들이 가는 사람이었다.	15.00
174 GLY C	-49.52	用,是"一个路台",我们也没有一	The A. C. Proposition 1997
174 GLY 0	-49.20	ulii li bir tir italiy 400 milliyyy iyitraati 🗀 🔻	15.00
175 ASN N	n Karawatan Pantoni -	-26.35 51.27	15.00
175 ASN CA	-47.21	TOWARD AND SEWENCE OF A CONTRACT OF	15.00
175 ASN CB	-46.45	AMENIA AMERIKAN MENGANIA	1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
175 ASN CG	EL PEROPE ON MEDICAL PER	-24.69 49.49	The state of the second
175 ASN OD1	at New York Committee Section 19	-23.83 49.80	
175 ASN ND2		-25.03 48.24	5.4 (5.4)
175 ASN C	A	-27.05 52.42	
175 ASN 0	THE RESIDENCE THE PARTY AND ADMINISTRATION OF THE PARTY AND AD	-26.41 53.46	- 14 X N. P. A. 10 MAG.
176 LYS N	-45.87		
	-45.20	awa waxay ka ka a a a a a a a a a a a a a a a a	1 2 TO 12 VENEZA 1
176 LYS CB	-44.69		15.00
176 LYS CG		-31.11 52.86	
176 LYS CD		-31.26 53.85	
176 LYS CE	40.00	-32.21 53.34	15.00
176 DIS NZ	-48.80	-31.66 52.19	15.00
		-27.71 53.76	
176 LYS 0		-27.08 52.80	
		-27.54 54.99	3
177 HIS CR		-26.64 55.21 -35.18 54.00	
177 HIS CB	_42.00 _43 B3	-25.18 54.99	15.00
		-24.66 56.02 -24.45 57.35	15.00
177 HTC CE1	-45.10	-24.21 55.71 -23.75 FC 01	15.00
177 HIS CE1	-4J.07	-23.13 56.81 -23.80 57.55	15.00
TIID NEZ	-44.02	-23.88 57.81	12.00

		÷.		: ?
VO 97/16177		TABLE	IX.	* -
177 HIS C	-41.71	-26.78	56.53	15.00
177 HIS 0	-42.23			
178 TRP N	-40.49		56.54	4.2
178 TRP CA	-39.60	-26.23	57.69	15.00
178 TRP CB	-38.19	-26.64	57.31	5 .
178 TRP CG	-37.99	-28.06	56.96	15.00
178 TRP CD2	-38.07	-29.18	57.84	15.00
178 TRP CE2	-37.75	-30.33	57.09	15.00
178 TRP CE3	-38.38	-29.33	59.20	15.00
178 TRP CD1	-37.64	-28.56	55.74	15.00
178 TRP NE1	-37.49	-29.92	55.81	15.00
178 TRP CZ2	-37.73	-31.61	57.65	15.00
178 TRP CZ3	-38.37	-30.60	59.76	15.00
178 TRP CH2	-38.05	-31.72	58.98	15.00
178 TRP C	-39.54	-24.81	58.28	15.00
178 TRP 0	-39.17	-23.88	57.58	15.00
179 ILE N	-39.90	-24.63	59.55	15.00
179 ILE CA	-39.78	-23.31	60.15	15.00
179 ILE CB	-40.56	-23.19	61.47	15.00
179 ILE CG2	-40.42	-21.80	62.04	15.00
179 ILE CG1	-42.03	-23.55	61.26	15.00
179 ILE CD1	-42.83	-23.54	62.53	15.00
179 ILE C	-38.30	-23.20	60.48	15.00
179 ILE 0	-37.76	-24.02	61.22	15.00
180 ILE N		-22.23	59.88	15.00
180 ILE CA	-36.18	-22.05	60.12	15.00
180 ILE CB	-35.39		58.78	15.00
180 ILE CG2		-21.75	58.98	15.00
180 ILE CG1	-35.49	-23.48	58.17	15.00
180 ILE CD1				
		-20.73		
180 ILE O		-19.74		
		-20.76		
	-34.59		62.52	15.00
		-19.82		15.00
181 LYS CG				15.00
181 LYS CD				15.00
181 LYS CE				15.00
181 LYS NZ				e
	-33.19			15.00
		-20.05		
182 ASN N	-33.04	-18.08	61.38	15.00

i e e e e e e e e e e e e e e e e e e e		(1) - 4, · · · ·			
	WO 97/16177		TABLE IX		
	182 ASN CA	-31.75	-17.66	60.85	15.00
	182 ASN CB	A SALE SALE	-16.90	59.53	
	182 ASN CG	5.500 (100)		58.64	10 To
	182 ASN OD1	-29.58	-17.07	59.11	And the second of the Contract
	182 ASN ND2	-30.94	-16.92	57.33	
	182 ASN C		-16.80		
	182 ASN 0		-16.75		15.00
	183 SER N	N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1	-16.13	リンドー だいなんりつ	15.00
	183 SER CA	25 - 25 G M 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		62.49	15.00
	183 SER CB			63.13	into the form of the Tale Tale of the
	183 SER OG	and the second s	-16.59	** ** ** * * * * * * * * * * * * * * * *	
	183 SER C	\$1.5 x 44,24	-13.99		1 2 J 16 CONT 44 2 J 20 1
	183 SER O	Control of Control of Control of Control	-13.66		15.00
	184 TRP N	TO SEE HER WOLLD O'THERY	A	61.17	
	184 TRP CA	an 1997 ya Mari Salah sa Ta	-12.05	60.48	15.00
	184 TRP CB 184 TRP CG	. 1. 3 150 . 9 . b. 1 k. 6			1 00 51 more 100 f 15 c
	184 TRP CD2	化基基二氯酚 经股份 经货币 化二氯	-13.15		50 OC 800 MAD 50 CMC.
	184 TRP CE2	<ol> <li>1,37 (228) (4.27) (1.27)</li> </ol>	-13.78 -14.55		15.00
	184 TRP CE3	-29.60			15.00
	184 TRP CD1	-27.43	14.44.	56.03 58.93	15.00
	184 TRP NE1	THE STATE OF		58.08	15.00
	184 TRP CZ2	The first of the file of the file	a tagawa ushi sesa s	55.78	100 Carry 2 (1,200 )
	184 TRP CZ3				15.00
	184 TRP CH2	-28.15		54.78	
	184 TRP C	1. 3. 1921 A. Weil (M. 1. 3.1	14 d 2 d 1 Web 1 1	61.00	15.00
	184 TRP 0	-30.89	A Committee of the Comm	60.25	15.00
	185 GLY N	er serere en la	e grife of this is to	62.30	15.00
	185 GLY CA				
	185 GLY C	-33.02	-10.33	62.57	15.00
	185 GLY 0	-33.31	-11.05	61.62	15.00
	186 GLU N	-33.94	-9.76	63.35	15.00
	186 GLU CA	-35.36	-9.93	63.07	15.00
	186 GLU CB	-36.22	-9.59	64.28	15.00
	186 GLU CG			64.80	15.00
	186 GLU CD	-36.84	-7.96	66.04	15.00
	186 GLU OE1	-37.97	-8.49	66.13	15.00
	186 GLU OE2	-36.35	-7.22	66.93	15.00
	186 GLU C				
			-9.24		
	187 ASN N	-34.84	-8.32	51.36	15.00
	187 ASN CA	-35.06	-7.47	50.20	15.00

T/US96/17512

VO 97/16177		TABLEI	X		PCT/US9
187 ASN CB	-34.05	-6.32	60.16	15.00	
187 ASN CG	-34.41	Additional to the section to		15.00	
187 ASN OD1	-35.57		58.70	15.00	
187 ASN ND2					
187 ASN C			58.91		
187 ASN 0					
188 TRP N					
188 TRP CA	-34.30	-10.30	57.80	15.00	
188 TRP CB	-33.01			15.00	
188 TRP CG					
188 TRP CD2	-33.26	-13.36	56.60	15.00	
188 TRP CE2					
188 TRP CE3	-33.86	-14.26	57.48	15.00	
188 TRP CD1	-32.32	-11.65	55.51	15.00	
188 TRP NE1	-32.39	-12.71	54.64	15.00	
188 TRP CZ2					
188 TRP CZ3	-34.15	-15.55	57.02	15.00	
188 TRP CH2					
188 TRP C	A	and the second section in the second		15.00	
188 TRP 0	<ul> <li>And the second of /li></ul>		58.61		
189 GLY N				15.00	
189 GLY CA				15.00	
189 GLY C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5 (50 s. 1 50 S) + Thirty S	THE WAR AND ASSESSMENT OF THE PARTY OF THE P	
189 GLY O					
190 ASN N				15.00	
190 ASN CA	- 11 1 1 A. 1 2 2 3 A. 3 A. 3 C.		for a contract of the contract	The state of the s	
190 ASN CB					
190 ASN CG			1.1.1.4.14.11	**************************************	
190 ASN OD1			Att. 1 (4) 10 (1) 11 (1) 11 (1)	15.00	
190 ASN ND2	A. J. William J. Addition 101				
190 ASN C 190 ASN O					
190 ASN 0	-39.83			15.00	
191 LYS CA		afrika (Direkti di Kal	59.94	19 1. [18] 16 [19] 16 16 17 [19]	
	25 July 12 (48) 27 (13) 25 (47) 6 (7)	HANN SAMOTHER	61.31	The section in the section	
191 LYS CG		1966 w. 1966 Ct. 115 Ct.	62.23		
191 LYS CD	-40.86 -42.05	_0.70	62.70	15.00	
191 LYS CE		-10.79			
	-43.76			15.00	
191 LYS C	-37.83			15.00 15.00	
191 LYS 0	-38.02				
192 GLY N	-36.77			15.00 15.00	
			01.05	42.00	

WO 97/16177		TABLE	<b>X</b>	
192 GLY CA	-35.73	-13.62	61.37	15.00
192 GLY C	-35.96	-15.05	60.91	15.00
192 GLY 0	-35.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15.00
193 TYR N	-37.21	GOOD AND AND AND A SECOND	- Managara (1977)	15.00
193 TYR CA	-37.53	40. 304 photograph - 1	the control of the first days	15.00
193 TYR CB	-38.71	Commence of the control of the contr	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
193 TYR CG	-38.44	A 6 30 30 30 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
193 TYR CD1	-38.48			
193 TYR CE1	1 - 22 - 4 1 000 C 2000 A C 2 10			
193 TYR CD2 193 TYR CE2			63.11	15.00
193 TYR CEZ	137.00 PM 98.000000000	-18.88 -17.79		
193 TYR OH	-37.62	An extend on the second	- 187.200克 (N)表 医成化	15.00
193 TYR C	-37.78	in by helps get the first in the		
	and the Median series	1 N. A. I'M N. A. A.		
	-38.05 -37.72	-18.14	Market Service Contraction	
194 ILE CA				15.00
194 ILE CB	-36.63			
194 ILE CG2		-19.42	56.55	15.00
194 ILE CG1	-36.94	g 1949 gagal 400 day 🔸 🗀 👢	54.60	
194 ILE CD1	-35.75	-18.49		
194 ILE C		-19.82		15.00
194 ILE O	-38.12			15.00
195 LEU N	-39.65			
195 LEU CA	1974 - Miller (1978)   1875 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 1876 - 187	-21.17		15.00
195 LEU CB	-41.84			15.00
195 LEU CG	-42.72	-21.15	56.90	15.00
195 LEU CD1		-20.50	58.14	
195 LEU CD2	-44.10	-20.59	56.59	15.00
192 FEA C	-39.79	-21.84	54.56	15.00
195 LEU O	-40.17	-21.50	53.45	15 00
196 MET N	-38.86	-22.76	54.75	15.00
196 MET CA	-38.25	-23.48	53.63	15.00
196 MET CB	-36.83	-23.91	53.98	15.00
196 MEL CC	-35.91	-22.73	54.21	15.00
196 MET SD	-34.18	-23.17	54.37	15.00
196 MET CE	-33.94	-24.05	52 84	15 00
196 MET C	-39.13	-24.66	53.22	15.00
196 MET O	-40.03	-25.06	53.97	15.00
197 ALA N	-38.87	-25.24	52.05	15.00
197 ALA CA	-39.67	-26.35	51.54	15.00
197 ALA CB	-39.50	-26.46	50.04	15.00

197 ALA C	-39.40	-27.70	52.18	15.00
197 ALA O	-38.26			15.00
198 ARG N	-40.47			
198 ARG CA	-40.35	-29.67	53.24	15.00
198 ARG CB	-41.11	-29.71		
198 ARG CG	-41.08			
198 ARG CD	-41.32	-30.93	56.75	15.00
198 ARG NE	-42.61	-30.32	57.06	15.00
198 ARG CZ	-43.76	-30.98	57.14	15.00
198 ARG NH1	-43.79	-32.29	56.95	15.00
198 ARG NH2	-44.88	-30.33	57.45	15.00
198 ARG C	-40.82	-30.77	52.30	15.00
198 ARG 0	-41.91	-30.70	51.73	15.00
199 ASN N	-39.97	-31.76	52.12	15.00
199 ASN CA	-40.27	-32.90	51.25	15.00
199 ASN CB	-41.62	-33.54	51.63	15.00
199 ASN CG	-41.53		52.90	15.00
199 ASN OD1	- A 1,669 WY 2004 YEAR (1,672)	·传·大··传·· \$2000 (1) [1]	53.75	15.00
199 ASN ND2	-40.45	98-1Y (10) PROPERTY	53.05	15.00
199 ASN C	-40.21	89 - 29 - A. Oriologia (* 1	49.76	15.00
199 ASN 0	-40.78	1000 0000 0000 0000 0000	48.94	15.00
200 LYS N	-39.48	-31.54		15.00
200 LYS CA	-39.31	Marie de Marie de la compa		15.00
- 1	A SAMARANAS	-29.66		15.00
200 LYS CG	.50.889.00.097.00.90.90.099	-29.02	47.77	
		-29.23	46.42	
200 LYS CE		-28.59	46.37	
200 LYS NZ	-42.73	8379 Series (Series ) -	46.73	
200 LYS C	-37.98	Jan (1900) - 1966 - 1960 - 1960	47.60	
et al divina del divina e i dalla ci		-31.09	47.06	
201 ASN N 201 ASN CA		49 - NO 494 9 Z - 64 -	47.93	15.00
201 ASN CA 201 ASN CB	-36.58	-33.78	47.62	15.00
201 ASN CB	-36.41	-33.93	46.11	15.00
201 ASN CG	-37.15	-35.13	45.56	15.00
201 ASN OD1	70.08	-35.78	44.63	15.00
201 ASN ND2	_20.32 _35.33	-JD.42	40.13	15.00
201 ASN C	_32.33	-33.22	48.27	15.00
201 ASN 0 202 ASN N	-34.4/ -35*/	-33.16	47.66	15.00
202 ASN N 202 ASN CA	_32.40 _32 37	-32.84 -33.30	49.54	15.00
202 ASN CA		-32.3U -33.34	50.35 50.40	TD:00
202 ASN CB	-32°20	-33.34° -33°03	50.49	15.00
	32.20	-32.93	J1.48	12.00

WO 97/16177		TABLE	×	(F)
202 ASN OD1	00 50	33.44	<b>.</b>	
202 ASN 0D1 202 ASN ND2	-32.51 -30.94	-32.44 -33.14		
202 ASN ND2 202 ASN C	-33.83	- 11 (A) - 12 (E) 20 (	51.13 49.85	15.00
202 ASN 0	-32.62	548 A 561 L 466 A 110 800		15.00 15.00
203 ALA N	-34.73	DOMESTIC STREET	49.69	15.00 15.00
203 ALA H	-35.60	A 16 - 4000 PASSA (11 P. 11)		15.00
203 ALA CA	-34.39	ALM YORKS LAST 1969 C.	49.18	15.00
203 ALA CB	-35.57	<ul> <li>If a sector fleeth painting.</li> </ul>	49.24	15.00
203 ALA C	-33.27		50.04	15.00
203 ALA O	-33.33	of the control of services in the		
204 CYS N	-32.23	Nobel Prikla Piak	49.35	15.00
204 CYS CA	-31.11	:: A 909.0480 : 4090, 400.0	50.02	15.00
204 CYS C	-30.29		51.00	15.00
204 CYS 0	-29.50	-27.14	51.76	15.00
204 CYS CB	-31.58	-25.60	50.69	15.00
204 CYS SG	-32.12	-24.29	49.55	15.00
205 GLY N	-30.43	-29.03	50.98	15.00
205 GLY CA	-29.68	-29.88	51.90	15.00
205 GLY C	-30.10	-29.71	53.35	15.00
205 GLY 0	-29.31	-29.92	54.27	15.00
206 ILE N	-31.37	-29.38	53.54	15.00
206 ILE CA	-31.95	-29.16	54.85	15.00
206 ILE CB	-33.46	-28.92	54.73	15.00
206 ILE CG2	-34.13	-30.13	54.12	15.00
206 ILE CG1	-34.06	-28.55	56.10	15.00
206 ILE CD1	-33.76	-27.15	56.54	15.00
206 ILE C	-31.71	-30.29	55.85	15.00
206 ILE 0	-31.47	-30.04	57.03	15.00
207 ALA N	-31.79	-31.54	55.38	15.00
	~-31.58			
	-32.72			
207 ALA C	-30.25			
207 ALA O	-30.15			
208 ASN N	-29.24	-32.54	55.67	
15 AVA 1441 SARVE LIGHTEN TO THE STREET OF STREET	-27.91	-33.04	55.33	15.00
208 ASN CB	-27.41	-32.42	54.03	15.00
208 ASN CG	-21.70	-33.30	52.84	
208 ASN OD1	-28.85	-33.50	52.47	15.00
208 ASN ND2				
208 ASN C 208 ASN O	-26.85		56.41	15.00
208 ASN 0	-25.80 -27.08			15.00
205 DEU N	-27.08	-32.00	<b>57.36</b>	15.00

				* * * * * * * * * * * * * * * * * * * *
VO 97/16177		TABLE	X	
209 LEU CA	-26.10	-31.82	58.42	15.00
209 LEU CB	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-30.77	58.03	15.00
209 LEU CG	-23.69	-31.04	58.63	
209 LEU CD1	-23.08	-32.21	57.88	15.00
209 LEU CD2	-22.82	-29.81	58.52	15.00
209 LEU C	-26.77	-31.46	59.73	15.00
209 LEU O	-26.25	-30.66	60.51	15.00
210 ALA N	-27.91	-32.08	59.97	15.00
210 ALA H	-27.81	-31.90	59.38	15.00
210 ALA CA		-31.80	61.19	15.00
210 ALA CB	-29.27		61.33	15.00
210 ALA C	-28.06	A CONTRACTOR OF THE PARTY OF TH	5.5	15.00
210 ALA 0		-33.69	62.23	15.00
211 SER N		-31.93	63.53	15.00
211 SER CA		-32.53	64.76	15.00
211 SER CB	-26.07		64.86	15.00
211 SER OG	and the second s		64.89	15.00
211 SER C	A	-31.80	65.93	15.00
211 SER 0		-30.65	65.78	15.00
212 PHE N		-32.51	67.03	15.00
212 PHE CA		-31.94	68.23	15.00
212 PHE CB	-30.53		68.37	15.00
212 PHE CG		-33.77	68.41	15.00
212 PHE CD1		-34.48	67.24	15.00
212 PHE CD2	-30.85	-34.45	69.62	15.00
212 PHE CE1	-31.30	25.30	67.27	
212 PHE CE2	5.7% W7.7%		69.67	15.00
212 PHE CZ		-36.51	68.48	15.00
212 PHE C	2.75 1.55	-32.41	69.43	15.00
212 PHE 0				
213 PRO N				
213 PRO CD				
	-27.41			
213 PRO CB	-26.98	-30.75	72.28	15.00
213 PRO CG	-28.1/ 20.21	-29.90	72.06	15.00
213 PRO C 213 PRO O	-28.21 20 45	-32.91	72.65	15.00
214 TVC N	-29.45	-32.8L	72.72	15.00
214 LYS N	-27.50	-33.//	73.38	15.00
214 LYS CA	-20.12 -27 FA	~34.59	74.42	15.00
214 LYS CB 214 LYS CG	-27.3U -20.01	-37.00	74.52	15.00
214 LYS CD	-28.01 -27.20	-37.00	73.53	15.00
LITE DID CD	-2,1.20	-38.28	73.68	12.00

61.38

15.00

WO 97/16177		TABLE D	<b>C</b>	
245 HOH OH2	-33.13	-28.30	71.09	15.00
246 HOH OH2	-46.57	-25.22	78.97	15.00
247 HOH OH2	-14.51	-7.76	88.79	15.00
248 HOH OH2	-3.26	-20.73	74.76	15.00
249 НОН ОН2	0.44	-15.91	75.31	15.00
250 нон он2	-19.71	-34.82	58.63	15.00
251 HOH OH2	-34.91	-11.28	53.79	15.00
252 НОН ОН2	-32.46	-28.27	46.13	15.00
253 нон он2	-38.20	-15.68	37.93	15.00
254 НОН ОН2	-41.44	-34.28	56.30	15.00
255 нон он2	-46.93	-13.62	73.92	15.00
256 НОН ОН2	-32.58	-13.60	60.68	15.00
257 НОН ОН2	-35.46	-6.38	55.50	15.00
258 НОН ОН2		-7.91	66.67	15.00
259 НОН ОН2	-32.06	-6.48	63.77	15.00
260 НОН ОН2	-17.19	-5.30	66.67	15.00
261 HOH OH2	-33.68	-20.47	70.17	15.00
262 нон он2	-13.42	-23.06	78.55	15.00
263 НОН ОН2	-8.54	-20.70	73.58	15.00
264 НОН ОН2	-8.22	-29.32	76.42	15.00
265 нон он2	-25.08	-33.76	60.84	15.00
266 НОН ОН2	-23.92	-37.99	66.66	15.00
267 НОН ОН2	-14.04	-33.08	66.81	15.00
268 НОН ОН2	-12.79	-27.03	71.88	15.00
269 НОН ОН2	-18.55	-42.19	77.34	15.00
270 нон он2	-22.19	-37.43	71.34	15.00
271 нон он2	-3.79		71.45	15.00
272 нон он2	· · · ·		67.02	15.00
273 нон он2		-20.12	49.07	15.00
274 нон он2	-25.88	-18.93	42.52	15.00
275 нон он2	-36.21	-36.23	51.70	15.00
276 нон он2	-20.20	-20.55	47.99	15.00
277 нон он2	-38.35	-31.19	41 44	15 00

Table of the orthogonal three dimensional coordinates in Angstroms and B factors (A2) for the cathepsin K complex with inhibitor 1-N-(N-imidazole acetylleucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one.

Residue Atom	X	<b>Y</b>	Z	В
1 ALA CB	-8.26	15.35	87.29	15.00
1 ALA C	-6.43	14.73	88.90	15.00
1 ALA O	-6.17	15.27	89.97	15.00
1 ALA N	-8.92	14.74	89.58	15.00
1 ALA CA	-7.91	14.50	88.49	15.00
2 PRO N	-5.47	14.25	88.09	15.00
2 PRO CD	-5.62	13.29	86.98	15.00
2 PRO CA	-4.05	14.45	88.44	15.00
2 PRO CB	-3.32	13.49	87.50	15.00
2 PRO CG	-4.27	13.38		15.00
2 PRO C	-3.55	15.87	88.27	15.00
2 PRO O	-4.33	16.79	88.21	15.00
3 ASP N	-2.23	16.02	88.20	15.00
3 ASP CA	-1.59	17.30	88.03	15.00
3 ASP CB	-0.07	17.14	88.15	15.00
3 ASP CG	0.45	17.62	89.50	15.00
3 ASP OD1	-0.04	17.07	90.52	15.00
3 ASP OD2	1.29	18.57	89.55	15.00
3 ASP C	-1.90	18.00	86.73	15.00
3 ASP O	-1.71	17.44	85.64	15:00
4 SER N	-2.32	19.26	86.85	15.00
4 SER CA	-2.67	20.16	85.75	15.00
4 SER CB	-3.63	19.49	84.75	15.00
4 SER OG	-4.80	19.03	85.40	15.00
4 SER C	-3.32	21.45	86.30	15.00
4 SER O	-3.83	21.46	87.42	15.00
5 VAL N	-3.30	22.53	85.53	15.00
5 VAL CA	-3.93	23.80	85.94	15.00
5 VAL CB	-3.00	24.65	86.90	15.00
5 VAL CG1	-1.73	25.13	86.17	15.00
5 VAL CG2	-3.76	25.89	87.45	15.00
5 VAL C	-4.21	24.62	84.69	15.00
5 VAL O	-3.43	24.58	83.75	15.00
6 ASP N	-5.38	25.23	84.60	15.00

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•	ASP CA	-5.68	26.09	83.46	15.00
6	ASP CB	-6.83	25.51	82.64	15.00
•	ASP CG	-7.00	26.20	81.28	15.00
6	ASP OD1	-6.01	26.77	80.80	15.00
6	ASP OD2	-8.12	26.17	80.72	15.00
6	ASP C	-6.08	27.42	84.03	15.00
6	ASP O	-7.06	27.49	84.72	15.00
7	TYR N	-5.27	28.45	83.88	15.00
7	TYR CA	-5.62	29.77	84.41	15.00
7	TYR CB	-4.36	30.64	84.56	15.00
7	TYR CG	-3.46	30.18	85.71	15.00
7	TYR CD1	-3.91	30.31	87.05	15.00
7	TYR CE1	-3.20	29.78	88.07	15.00
7	TYR CD2	-2.23	29.50	85.46	15.00
7	TYR CE2	-1.52	28.98	86.45	15.00
7	TYR CZ	-2.00	29.10	87.79	15.00
7	TYR OH	-1.35	28.46	88.84	15.00
7	TYR C	-6.71	30.50	83.66	15.00
7	TYR O	-7.24	31.48	84.14	15.00
8	ARG N	-7.05	29.98	82.49	15.00
8	ARG CA	-8.10	30.59	81.68	15.00
8	ARG CB	-8.09	30.02	80.26	15.00
8	ARG CG	-6.79	30.28	79.56	15.00
8	ARG CD	-6.68	29.59	78.25	15.00
8	ARG NE	-6.70	28.13	78.38	15.00
8	ARG CZ	-6.78	27.29	77.36	15.00
8	ARG NH1	-6.85	27.73	76.13	15.00
8	ARG NH2	-6.72	25.99	77.58	15.00
8	ARG C	-9.44	30.40	82.35	15.00
8	ARG O	-10.24	31.34	82.45	15.00
	LYS N	-9.68	29.21	82.87	15.00
	LYS CA	-10.94	28.95	83.54	15.00
		-11.17	27.45	83.73	15.00
9	LYS CG	-11.06	26.59	82.48	15.00
	LYS CD	-11.19			
	LYS CE				
		-11.53	22.81	82.08	15.00
	LYS C	-10.96	29.61	84.91	15.00
	LYS O	-12.02	29.58	85.59	15.00
	LYS N		30.26	85.31	15.00
	LYS CA		30.86	86.64	15.00
	LYS CB	-8.57	30.42	87.38	15.00
10	LYS CG	-8.45	28.89	87.51	15.00

			REPORTED A	
10 LYS CD	-7.03	28.46	87.81	15.00
10 LYS CE	-6.43	29.14	89.04	vid in Maria (n. 1
10 LYS NZ	-7.24	28.91	90.30	
10 LYS C	-9.98	32.40	86.61	
10 LYS O	-10,16	33.04	87.64	15.00
11 GLY N	-9.85	32.98	85.41	15.00
11 GLY CA	-9.94	34.41	85.22	
11 GLY C	-8.63	35.17	85.27	A SAME STATE OF THE SAME TO
11 GLY O	-8.61	36.39		15.00
12 TYR N	-7.54	34.42	85.20	15.00
12 TYR CA	-6.21	34.98	85.26	15.00
12 TYR CB	-5.24	33.95	85.84	15.00
12 TYR CG	-5.32	33.72	87.35	15.00
12 TYR CD1	-6.52	33.50	87.99	15.00
12 TYR CE1	-6.58	33.26	89.37	15.00
12 TYR CD2	-4.18	33.66	88.13	15.00
12 TYR CE2	-4.23	33.42	89.47	15.00
12 TYR CZ	-5.42	33.23	90.06	15.00
12 TYR OH	-5.43	33.02	91.43	15.00
12 TYR C	-5.68	35.43	83.90	15.00
12 TYR O	-4.68	36.17	83.83	15.00
13 VAL N	-6.34	35.06	82.81	15.00
13 VAL CA	-5.82	35.45	81.50	15.00
13 VAL CB	-5.54	34.18	80.66	15.00
13 VAL CG1	-4.93	34.52	79.31	15.00
13 VAL CG2	-4.58	33.24	81.42	15.00
13 VAL C	-6.76	36.37	80.72	15.00
13 VAL O	-7.95	36.17	80.78	15.00
14 THR N	-6.24	37.41	80.08	15.00
14 THR CA	-7.06	38.29	79.27	
14 THR CB		39.67	79.12	15.00
14 THR OG1	-5.06	39.53		
14 THR CG2		40.43	80.39	15.00
14 THR C	-7.20		77.89	The State of the Control of the Cont
14 THR O	-6.41		77.48	
15 PRO N	-8.14	38.18		
15 PRO CD	-9.11	39.26	77.34	15.00
15 PRO CA	-8.33	37.64	75.75	15.00
L5 PRO CB	-9.51			
5	-9.35	39.77	75.97	15.00
L5 PRO C	-7.09			15.00
L5 PRO O	-6.26			
6 VAL N	-6.96	37.00	73.87	15.00

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16 VAL CA	-5.81	37.05	73.00	15.00
16 VAL CB	-5.74	35.80		100
16 VAL CG1	-4.42	35.77	71.35	
16 VAL CG2	-5.84	34.56		
16 VAL C	-5.76		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
16 VAL O	-6.70	38.61	10 - 10 0 4 5-4-81 -	
17 LYS N	-4.58	38.91		
17 LYS CA	-4.36	40.08	71.32	
17 LYS CB	-3.75	41.20		
17 LYS CG	-4.73	42.01		
17 LYS CD	-5.27	41.23	74.12	
17 LYS CE	-5.71	42.11	75.23	
17 LYS NZ	-5.93	41.40	76.53	and the second of the second
17 LYS C	-3.45	39.72	70.16	15.00
17 LYS O	-2.83	38.63	70.16	
18 ASN N	-3.32	40.68	69.24	
18 ASN CA	-2.51	40.54	68.03	15.00
18 ASN CB	-3.37	40.84	66.84	15.00
18 ASN CG	-2.76	and the fact that the same of	65.56	15.00
18 ASN OD1	-1.57	/ 2. 76 1.7 1.7	65.29	15.00
18 ASN ND2	-3.55	39.60	64.78	15.00
18 ASN C	-1.33	41.51	68.00	15.00
18 ASN O	-1.50	42.73		15.00
19 GLN N	-0.15	40.93	68.03	
19 GLN CA	1.12	41.67	68.01	15.00
19 GLN CB	2.23	40.66	67.93	15.00
19 GLN CG	3.64	41.21	e ii — Le Delta III	<ul> <li>** ** ** ** ** ** ** ** ** ** ** ** **</li></ul>
19 GLN CD	4.65	40.13	68.03	15.00
19 GLN OE1	4.35	39.00	68.42	15.00
19 GLN NE2	5.86	40.47	67.64	15.00
19 GLN C	1.22	42.69	66.88	
19 GLN 0	1.75	43.75	67.04	
19 GLN 0 20 GLY N	0.66	42.38	65.74	15.00
20 GLY CA	0.66	43.27	64.59	15.00
20 GLY C	1.84	42.90	63.73	15.00
20 GLY O	1.98	41.74	63.33	15.00
21 GLN N	2.67	43.89	63.43	15.00
21 GLN CA		43.70	62.61	15.00
21 GLN CB	3.90	44.62	61.39	15.00
21 GLN CG	2.90	44.23	60.27	15.00
21 GLN CD	3.33	43.03	59.44	15.00
21 GLN OE1	4.25	43.10	58.59	15.00
21 GLN NE2	2.58	41.95	59.58	15.00

21 GLN C	5.05	44.09	63.52	15.00
21 GLN 0	6.20			15.00
22 CYS N	4.74	44.77	in the training proper training	15.00
22 CYS CA	5.74	45.22	<ul> <li>************************************</li></ul>	The Control of the Co
22 CYS C		44.01	- "Ruth five - 1"	15.00
22 CYS O	5.48		<ul> <li>I.A. S. Lebel Holosoft W. L.</li> </ul>	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
22 CYS CB	5.08			44 1.2 4 3 5 1.20 m
22 CYS SG	6.07	46.62	1. 1. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	15.00
23 GLY N	7.57		66.68	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
23 GLY CA	8.16	CALL TO A SECURITY	<ol> <li>Year of the second control</li> </ol>	사회 생각하는 1일 등 기가 다
23 GLY C	<ul> <li>(1) W. W. W. D. W. Co.</li> </ul>	43.16		
23 GLY O	9.08			And the second of
24 SER N		1 I I 1 100 000 100 100 I I I I I I I I	69.42	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
24 SER CA	6.47	43.55	abra, idi wakee e	the state of the s
24 SER CB	5.45	44.66	70.79	the first of the first of the second
24 SER OG		44.30	Control of the Control	217
24 SER C		42.28	70.15	
24 SER 0	5.26	A 190 P. BALLING M. + 1	71.46	
25 CYS N	6.43		72.45	10 To 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25 CYS CA	6.06	39.87	70.98	
25 CYS CB	6.61	anakan karana a	71.53	15.00
25 CYS SG		38.78 38.83	70.65	
25 CYS C	6.49	39.79	70.46 73.01	15.00
25 CYS 0	5.74	2 15 2 15 2 15 15 15 15 15 15 15 15 15 15 15 15 15	73.84	15.00
25 INH C1	3.24	39.22	CONTRACTOR STATE OF THE	15.00
25 INH C2	2.86	<ul> <li>A. Alfred J. William B.</li> </ul>	63.40 62.13	15.00
25 INH C3	1.57	U. K. J. C. S. MARGIN C. S	61.89	and the first of the same
25 INH C4		38.31		
25 INH C5	0.94		64.16	15.00 15.00
25 INH C6	2.25	1,157 AM 19 450 AM 11	64.42	1 5 CT
25 INH 07	4.57	And the second state of the second	A. B. D. D. M. W. W. M. W. W.	15.00
25 INH C8	5.72	39.02	and the first that the first and the first	15.00
25 INH C9	5.62		nich in der State (1986), will be tribe in it in	15.00
25 INH C10	er di Million est, Milles de S	37.50	65.60	All Million Co. S. C. C. C.
25 INH C11		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64.78	
25 INH C12	7.79	37 78	63.51	15.00
25 INH C13	6.82	38 71	63 08	15 00
25 INH S14	8.67	35 93	65 55	15.00
25 INH 015	7.93	34.70		15.00
25 INH 016			64.82	
25 INH N17			67 18	15.00
25 INH C18	9.50	37.70	67 57	15 00
25 INH C19	9.05		65.55 AVEN 1985 AV	15.00
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25 INH 020	8.53	39.68	67.70	15.00
25 INH C21	10.52	39.34	69.16	
25 INH N22	11.16		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	area de la facilita de la calcalación d
25 INH C23	12.14	38.91		49.2 (30.00)
25 INH 024	12.59	40.07		
25 INH C25				
25 INH C26	11.69	38.19	73.25	15.00
25 INH C27	11.80			
25 INH C28	12.06		74.03	M 100790NO. H 17 Y88
25 INH C29	12.95	37.84	75.32	
25 INH N30	and the second of the second			The Market Committee of the Committee of
25 INH C31			- 11 1 12 . Ziliki Walio	15.00
25 INH 032				
25 INH C33	16.36	37.38	72.94	
25 INH C34			73.26	
	17.54	** ** * ** * * * * * * * * * * * * * * *		
25 INH N36				
25 INH C37	18 52	34 43	72 85	15.00
	17.85			
26 TRP N		40.50	<ul> <li>************************************</li></ul>	All a Media Probability Ch.
26 TRP CA		40.58		
26 TRP CB	9.55		74.66	
26 TRP CG				
26 TRP CD2	and the second second	43.67		
26 TRP CE2		44.74		g ere flage ager by
26 TRP CE3	9.72	43.99		15.00
26 TRP CD1	and design the real		. 10 4 4 4 4 1 (198)	1 198 13 YO
26 TRP NE1	1.5	20	72.67	15.00
26 TRP CZ2		46.10		
26 TRP CZ3		40.1U	76.50	15.00
26 TRP CH2	9.81			
26 TRP C	7.21	The second second second	75.59 75.60	
26 TRP 0		41.27		
27 ALA N		A Property of the Control of the Con	<ul> <li>And the second March</li> </ul>	and the first of the first
27 ALA CA		43.48	75.01	
27 ALA CB		44.71	** *** ***	
27 ALA C	A A7	40.75		
27 ALA 0	3 20	42.75 42.85	76.05	
28 PHE N		41.90		
28 PHE CA		41.20	the state of the s	
28 PHE CB		40.66		
28 PHE CG		41.68		
28 PHE CD1			72.20	
		-2.33	, E . E U	13.00

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28 PHE CD2	0.19	41.92	73.31	15.00
28 PHE CE1	1.57	43.34	71.43	15.00
28 PHE CE2	-0.46	42.87		
28 PHE CZ	0.23	43.58	71.61	
28 PHE C	2.87	40.12		x = 0.7847991.9991.078
28 PHE O	1.92	39.99	<ul> <li>31 (1) 11 (2) (2) (2) (3) (3)</li> </ul>	om vana sekala dan
29 SER N	3.97	3 <b>9.</b> 39	SUTALINI TVILLIUMUA	<ul> <li>Authorization of the Conference</li> </ul>
29 SER CA	4.16	38.37	77.55	<ol> <li>A. Marchael, the difference of a few points.</li> </ol>
29 SER CB	5.40	37.55	77.18	40 50 1969 Urbra H. 805, 66,
29 SER OG	5.72	A 10 A 600000114 (1911 - 1	* A \$10 m 10 40 May 1	$1 + 2 + 1 + 127 \times 12 $
29 SER C	4.28	M. Park Ch. 1979 444, 14 h	78.94	000 JOHN 10 1000 J. MN000 J. J. G. J.
29 SER 0	3.68	<ul> <li>Provincial College Control</li> </ul>	at York May Yikkalik	Mark Treathers and Section (1997)
30 SER N	5.04	del estadore estado de 191	79.02	15.00
30 SER CA	5.25	40.76	- 1.5. 11.300. 200- 1 1117	**************************************
30 SER CB	6.13	and the Profession Section	80.06	. I poste a management and a p
30 SER OG	7.38	1. d. 121.15411	79.59	15.00
30 SER C	3.96	41.22	80.96	15.00
30 SER O	3.72	40.99	82.17	15.00
31 VAL N	3.13	41.85	80.14	15.00
31 VAL CA	1.83	42.35		15.00
31 VAL CB	1.33	43.26		15.00
31 VAL CG1	-0.15	And the second second second	4-30/2014/03/14	15.00
31 VAL CG2	그 가게 하다 보고 함께 시작했다.	44.66	79.52	15.00
31 VAL C	0.91	41.16	80.90	15.00
31 VAL O	0.02	41.32	81.77	15.00
32 GLY N	1.16	39.98	80.31	15.00
32 GLY CA	0.35	38.81	4 44 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	15.00
32 GLY C	0.70	38.25		15.00
32 GLY O	-0.17	37.79	82.70	15.00
33 ALA N	<ul> <li>No. 2001 (1994), 2003 (1994)</li> </ul>	38.30	82.34	15.00
33 ALA CA	- 1. 7 (2°), 1	37.84		15.00
33 ALA CB	3.98		83.67	<ol> <li>11. C. W. S. L. Sell, J. H. P.</li> </ol>
33 ALA C	*** ** ** ** ** ** ** ** ** ** ** ** **		84.60	15.00
33 ALA O	1.09	38-48	85.52	15.00
34 LEU N			84.37	
34 LEU CA	1.54	41.22	85.20	15.00
	1.88	42.56	84 56	15.00
34 LEU CG	3.30	43.17	84.66	15 00
34 LEU CD1	3.26	44.56	84.13	15.00
	3.76	43.24	86.11	
34 LEU C			85.45	
34 LEU 0			86.60	
35 GLU N	and the state of t		84.39	

1 <b>77</b>				
		TABLE	X	
35 GLU CA	-2.16	40 62	84.49	15.00
35 GLU CB	-2.77		83.11	
35 GLU CG		41.61		the court of the c
35 GLU CD			80.78	and the second of the second of the second
	-2.97	1 (6) 1 (6) No. 1 (6)	<ol> <li>A. M. Charles, Phys. Lett. B 1997 (1997) 11.</li> </ol>	
35 GLU 0E2		42.29	1997 Million 1997	15.00
35 GLU C	and the second of the second o	39.51		C 4 9499 BV 7 02 00.
35 GLU 0	-3.31		86.45	
36 GLY N		the control of the behavior	85.24	1 1 1 W 1 1 W 1 1 W 1 1 W 1 1 W 1 1 W 1 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1
36 GLY CA			86.06	
36 GLY C	-2.20			15.00
36 GLY O	-2.96			15.00
37 GLN N		38.09		15.00
37 GLN CA			89.27	2.5 A Sec. 1 1 2 20 1 20 1 20 1 20 1
37 GLN CB			89.35	
37 GLN CG	1.72			with the free Section
37 GLN CD	1.50		90.00	15.00
37 GLN OE1		36.81	. 1 - 600 (1700) 5 6 7 6 7 6 7 6 7	15.00
37 GLN NE2	1.12	<ul> <li>10. 10. 10. 10. 10. 10.</li> </ul>	89.42	15.00
37 GLN C	-1.78	1965 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	89.83	15.00
37 GLN O		39.19		15.00
38 LEU N	-2.10	. The second of the second	89.02	15.00
38 LEU CA	-3.04		89.38	15.00
38 LEU CB	-3.28	42.29	88.15	15.00
38 LEU CG	-4.10	43.56	4 4 W W W W W W W	15.00
38 LEU CD1	-3.72	44.25	1000 1000 1000 1000 1000	15.00
38 LEU CD2	-3.95	7 7 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	45.11.25.26.46.46.46.46.46.46.46.46.46.46.46.46.46	15.00
38 LEU C	-4.32	40.75	89.82	
38 LEU O	-4.90	41.05	90.86	15.00
39 LYS N	-4.75	39.78	89.04	15.00
9 LYS CA	-5.95	39.07	89.36	15.00
9 LYS CB	-6.29	38.15	88.20	15.00
39 LYS CG	-7.34	37 13	88 56	15 000
9 LYS CD	-8.65	37.80	88.80	15.00
DIS CE	-y./1	36.74	88.86	15.00
9 LYS NZ	-10 82	37 33	20 61	15 00
9 LYS C	-5.78	38.28	90.67	15.00
DIS O	-6.62	38.34	91.53	15.00
0 LYS N	-4.66	37.59	90 83	15 00
0 LYS CA	-4.40	36.83	92.03	15.00
O LYS CB	-3.01	36.20	91.96	15.00
0 LYS CG	-2.68	35.31	93.16	15.00
0 LYS CD	-1.38	34.53	93.00	15.00

40 LYS CE	-1.10	33.63	94.23	15.00
40 LYS NZ	-0.27		93.89	
40 LYS C	-4.50		93.27	
40 LYS O	-5.26	. TA WILL A 19		- 1 - 1 3 3 T 1 3 4 T 1 T 4
41 LYS N	-3.86	38.87		The state of the s
41 LYS CA	40 W. G.	39.84		15.00
41 LYS CB	-2.31	40.32		
41 LYS CG		39.21		
41 LYS CD	-0.04	39.35		15.00
41 LYS CE	0.68	38.01	1,1000,000,001,100,000,000,100,000	98.00.004.004.0000.
41 LYS NZ	TO THE STORY OF THE STORY	36.86	***************************************	$-695 \times 1.69 \times 2.5 \times 100 \times 10$
41 LYS C	-4.64	41.07		Tel Cararagoal unit au
41 LYS 0	-4.15	42.18	94.26	15.00
42 THR N	-5.91	40.88	93.78	N. S. 1425, N. S. S. A. S.
42 THR CA	-6.80	42.01	93.60	- VWDY 11 1 7 205
42 THR CB	-6.50	42.75	化光型化化 化二氯甲基酚 化二氯磺酸	15.00
42 THR OG1	-5.17	43.26	92.28	
42 THR CG2	-7.48		92.07	15.00
42 THR C	-8.22	41.47	93.50	15.00
42 THR O	-9.17		94.07	15.00
43 GLY N	-8.37	40.40	92.74	15.00
43 GLY CA	-9.67	39.80	92.56	15.00
43 GLY C	-10.28	40.20	91.22	15.00
	-11.22	39.57	90.74	15.00
44 LYS N	-9.65	41.19	90.58	15.00
44 LYS CA	-10.13	41.70	89.32	15.00
44 LYS CB	-10.71	43.10	89.52	15.00
44 LYS CG	-11.95	43.16	90.39	
44 LYS CD	-12.36	44.57	<ol> <li>Of a contract to</li> </ol>	15.00
44 LYS CE	-11.43	gradication of the state of	91.78	15.00
44 LYS NZ	-11.50	44.47		15.00
44 LYS C	-9.02		88.30	15.00
44 LYS O	-7.91	42.20	88.61	15.00
45 LEU N 45 LEU CA	-9.35	41.40	87.07	15.00
	-8.38			
45 LEU CG	-8.61		85.13	15.00
45 LEU CD1	- / . 85 - 6 . 47	39.77	83.85	15.00
45 LEU CD2	-6.47 -8.67	39.23	84.16	15.00
45 LEU C	4. 1			
45 LEU O	-0.33 -0.55	42.68	85.16	15.00
46 LEU N			85.27	
46 LEU CA	-7.57 -7.65			
TO DEO CH	- 1 · • • • • • • • • • • • • • • • • • •	44.23	83.55	15.00

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46 LEU CB	-7.27	45.46	84.35	15.00
46 LEU CG	-7.82	46.76	83.83	15.00
46 LEU CD1	-9.28	46.67	83.92	15.00
46 LEU CD2	-7.33	47.91	84.71	15.00
46 LEU C	-6.63	44.03	82.45	15.00
46 LEU O	-5.67	43.30	82.61	15.00
47 ASN N	-6.80	44.76	81.36	15.00
47 ASN CA	-5.90	44.66	80.25	15.00
47 ASN CB	-6.61	45.08	78.95	15.00
47 ASN CG	-7.47	43.98	78.39	15.00
47 ASN OD1	-7.52	42.88	78.93	15.00
47 ASN ND2	-8.19	44.28	77.33	15.00
47 ASN C	-4.77	45.63	80.52	15.00
47 ASN O	-5.02	46.82	80.64	15.00
48 LEU N	-3.54	45.17	80.66	15.00
48 LEU CA	-2.44	46.13	80.87	15.00
48 LEU CB	-1.29	45.54	81.75	15.00
48 LEU CG	-1.76	45.23	83.19	15.00
48 LEU CD1	-0.62	44.99	84.10	15.00
48 LEU CD2	-2.69	46.29	83.75	15.00
48 LEU C	-1.96	46.66	79.51	15.00
48 LEU O	-2.40	46.14	78.46	15.00
49 SER N	-1.12	47.70	79.52	15.00
49 SER CA	-0.63		78.28	15.00
49 SER CB	-0.70	49.82	78.41	15.00
49 SER OG	0.06	50.46	77.43	15.00
49 SER C	0.75	47.87	77.84	15.00
49 SER 0	1.75	48.29		15.00
50 PRO N		47.08		15.00
50 PRO CD	-0.34	46.48		15.00
50 PRO CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		76.22	15.00
50 PRO CB	1.68	45.45	75.34	15.00
50 PRO CG			74.79	
50 PRO C	2.77	47.79	75.45	15.00
50 PRO O 51 GLN N	1.00	47.96	75.47	15.00
	1.90	48.67	74.86	15.00
51 CIN CP	2.48	47.8/	74.18	15.00
51 GLN CB 51 GLN CG	1.3/	50.77	73.66	15.00
		51.92	72.85	15.00
51 GLN CD 51 GLN OE1	2.33 1 02	51.51	71.46	15.00
51 GLN DE1	1.03 3.10	50.49	70.97	15.00
51 GLN NE2	3.19 3.29		4 1 7	
JT GIM C	J.47	JU./U	75.17	TD-00

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51 GLN O	4.21	51.38	74.79	15.00
52 ASN N	2.93	50.65		
52 ASN CA	3.62	51.40	77.47	
52 ASN CB	2.96			15.00
52 ASN CG	3.52	52.04	79.91	
52 ASN OD1	4.31	52.93	79.64	15.00
52 ASN ND2	3.09	51.81		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
52 ASN C	5.04	50.91	77.52	15.00
52 ASN O	5.98	51.71		15.00
53 LEU N	5.19	49.60	77.57	
53 LEU CA	6.53	49.05		15.00
53 LEU CB	6.40	47.59		15.00
53 LEU CG	5.80	47.51	1000 7100 75	15.00
53 LEU CD1	5.66	46.07		
53 LEU CD2	6.65	48.34		
53 LEU C	7.25	49.26	76.30	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
53 LEU 0	8.43	49.52	76.27	
54 VAL N	6.53	49.17		15.00
54 VAL CA	7.19	49.34	73.89	15.00
54 VAL CB	6.25	49.16	72.69	15.00
54 VAL CG1	6.98	49.50	71.41	5 A 152 W
54 VAL CG2	5.83	47.75	A A A A Company of the company of th	15.00
54 VAL C	7.89	50.66	73.74	15.00
54 VAL O	9.06	50.71	73.32	15.00
55 ASP N	7.28	51.70	74.27	15.00
55 ASP CA	7.87	53.05	74.15	7.5
55 ASP CB	6.76	54.08	73.93	15.00
55 ASP CG	5.70	53.58	72.94	15.00
55 ASP OD1	5.95	52.76		15.00
55 ASP OD2	4.60	54.09	73.02	15.00
55 ASP C	8.68	53.42	75.33	15.00
55 ASP 0	9.58	54.23	75.23	
56 CYS N	8.38		76.50	
56 CYS CA	9.13		77.67	The state of the state of the
56 CYS C	10.33	52.59		
56 CYS O	11.25			15.00
56 CYS CB		53.80		15.00
56 CYS SG		54.73	78.24	444
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	(0)		15.00
57 VAL CA				15.00
57 VAL CB	11.10	48.99		
57 VAL CG1	12.15			
57 VAL CG2				

57 VAL C	12.66	50.67	77.55	15.00
57 VAL 0	12.94	49.87	76.66	15.00
58 SER N	13.40	51.73	77.79	15.00
58 SER CA	14.54	52.04	76.91	15.00
58 SER CB	15.13	53.44	77.26	15.00
58 SER OG	15.02	53.68	78.65	15.00
58 SER C	15.61	50.98	76.86	15.00
58 SER 0	16.39	50.92	75.91	15.00
59 GLU N	15.66	50.15	77.91	15.00
59 GLU CA	16.66	49.07	78.00	15.00
59 GLU CB	16.59	48.34	79.35	15.00
59 GLU CG	16.98	49.19	80.58	15.00
59 GLU CD	15.98	50.33	80.88	15.00
59 GLU OE1	14.75	50.10	80.81	15.00
59 GLU 0E2	16.46	51.46	81.17	15.00
59 GLU C	16.48	48.04	76.89	15.00
59 GLU 0	17.36	47.20	76.67	15.00
60 ASN N	15.31	48.07	76.27	15.00
60 ASN CA	15.00	47.16	75.19	15.00
60 ASN CB	13.64	46.51	75.47	15.00
60 ASN CG	13.69	45.49	76.59	15.00
60 ASN OD1	12.76	45.39	77.36	15.00
60 ASN ND2	14.76	44.68	76.63	15.00
60 ASN C	14.98	47.89	73.85	15.00
60 ASN O	15.26	49.09	73.79	15.00
61 ASP N	14.67	47.16	72.79	15.00
61 ASP CA	14.64	47.72	71.44	15.00
61 ASP CB	15.38	46.80	70.48	15.00
61 ASP CG		47.57	69.36	15.00
61 ASP OD1	16.04	48.81	69.34	15.00
61 ASP OD2	16.76	46.92	68.52	15.00
61 ASP C	13.28	48.07	70.81	15.00
61 ASP 0	13.13			15.00
62 GLY N			71.63	AT TWO HIS TO SELECT
62 GLY CA	10.98	5 m	71.11	15.00
62 GLY C		47.51		
62 GLY 0		46.38	70.57	
63 CYS N	9.98			
63 CYS CA	9.47		68.11	
63 CYS C	10.61	45.95	67.62	15.00
63 CYS O	10.41			
63 CYS CB			66.95	* * * * * * * * * * * * * * * * * * * *
63 CYS SG	7.16	48.19	67.39	15.00

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64 GLY N	11.82	46.25	68.06	15.00
64 GLY CA	12.94	45.47	67.59	15.00
64 GLY C	13.32	44.36	68.55	15.00
64 GLY O	14.37	43.74	68.40	15.00
65 GLY N	12.48	44.12	69.55	15.00
65 GLY CA	12.76	43.06	70.49	15.00
65 GLY C	13.11	43.58	71.88	15.00
65 GLY O	13.33	44.80	72.13	15.00
66 GLY N	13.21	42.63	72.80	15.00
66 GLY CA	13.50	43.00	74.18	15.00
66 GLY C	13.34	41.82	75.15	15.00
66 GLY O	12.91	40.73	74.72	15.00
67 TYR N	13.65	42.02	76.42	15.00
67 TYR CA	13.55	40.94	77.37	15.00
67 TYR CB	14.85	40.83	78.19	15.00
67 TYR CG	16.13	40.41	77.42	15.00
67 TYR CD1	16.31	39.16	76.96	15.00
67 TYR CE1	17.51	38.78	76.29	15.00
67 TYR CD2	17.13	41.25	77.20	15.00
67 TYR CE2	18.32	40.83	76.53	15.00
67 TYR CZ	18.49	39.61	76.08	15.00
67 TYR OH	19.63	39.12	75.47	15.00
67 TYR C	12.41	41.24	78.31	15.00
67 TYR O	12.00	42.40	78.46	15.00
68 MET N	11.84	40.20	78.88	15.00
68 MET CA	10.72	40.40	79.78	15.00
68 MET CB	10.01	39.09	80.00	15.00
68 MET CG	9.14	38.63	78.85	15.00
68 MET SD	10.15	37.92	77.61	15.00
68 MET CE	10.37	36.10	78.19	15.00
68 MET C	11.20	41.05	81.10	15.00
68 MET O	10.55	41.92	81.68	15.00
69 THR N	12.33	40.56	81.59	15.00
69 THR CA	12.91	41.02	82.85	15.00
69 THR CB	14.24			
69 THR OG1	15.16	40.38	82.12	15 00
59 THR CG2	13.99	38.77	83.56	15.00
59 THR C	13.15	42.55	82.80	15.00
59 THR O	13.15	43.20	83.83	15.00
70 ASN N	13.42	43.10	81.63	15.00
70 ASN CA	13.61	44.55	81.51	15.00
	14.23	44.95	80.15	15.00
0 ASN CG	15.73	44.64	80.08	15.00

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			the state of the s	TRANSPORT OF THE PROPERTY OF
70 ASN OD1	16.28	44.44	78.98	15.00
70 ASN ND2	16.41		81.22	15.00
70 ASN C	12.27	45.27	81.66	15.00
70 ASN 0	12.24	46.42		
71 ALA N	11.20		81.19	[1] A. M. Miller, Phys. Rev. B 58 (1997)
71 ALA CA	9.84	45.13	81.24	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
71 ALA CB	8.96	44.17	80.50	auto il salata il 1867 della
71 ALA C	9.39	45.23	82.69	1966 A. Maria (1966) 3-200
71 ALA 0	8.79	46.23	83.13	and the first territories and
72 PHE N	9.72	44.17	83.43	15.00
72 PHE CA	9.39	44.09	84.87	15.00
72 PHE CB	9.67	42.66	85.39	15.00
72 PHE CG	8.80	41.59	84.75	15.00
72 PHE CD1	7.52	41.87	84.33	15.00
72 PHE CD2	9.28	40.32	84.57	15.00
72 PHE CE1	6.73	40.91	83.73	15.00
72 PHE CE2	8.50	39.35	83.98	15.00
72 PHE CZ	7.23	39.64	83.56	15.00
72 PHE C	10.19	45.09	85.71	15.00
72 PHE 0	9.73	45.60	86.72	15.00
73 GLN N	11.41	45.38	85.28	15.00
73 GLN CA	12.27	2.0	85.97	15.00
73 GLN CB	13.74		85.47	15.00
73 GLN CG	14.74	46.94	86.38	15.00
73 GLN CD	14.58	46.42	87.78	15.00
73 GLN OE1	14.18	45.26	87.96	15.00
73 GLN NE2	14.76	47.28	88.79	15.00
73 GLN C	11.74	47.79		15.00
73 GLN 0	11.83	48.57	86.78	15.00
74 TYR N	11.23		84.67	15.00
74 TYR CA	10.67		84.41	15.00
74 TYR CB		49.62		15.00
74 TYR CG	9.52	50.72	82.59	15.00
74 TYR CD1	9.90	51.97	82.44	15.00
74 TYR CE1	8.98	53.00	82.06	15.00
74 TYR CD2	8.25	50.50	82.38	15.00
74 TYR CE2	7.39	51.55	82.01	15.00
74 TYR CZ	6.07	52.11	81.82	15.00
74 TYR OH	0 7 5	AO CA	OF 17	15 00
74 TYR C	9.33 9.04	50 74	05.50	15.00
74 TYR O 75 VAL N	9.04 8.60	30.74 10 E0	05.30	15.00
75 VAL CA		48.70		
· · · · · · · · · · · · · · · · · · ·	,.55	40.70	00.13	15.00

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75 VAL CB	C 46			
75 VAL CB	6.46		V 1.5 % (1.5 %)	15.00
75 VAL CG2	5.15	47.64	86.74	400, 1, 69
75 VAL C	6.10	27 Y 27 Y 28 Y 5		
75 VAL 0	7.63	48.95	87.62	
76 GLN N	6.92	49.76	2, 41	ang kalanggan (pagalaga)
76 GLN CA	8.69	48.31		15.00
76 GLN CB	9.12	48.47	89.51	15.00
76 GLN CG	10.10	47.35		15.00
76 GLN CD	10.55	47.31	91.38	ta in se with a feet in
76 GLN CD	11.76	46.41	91.65	15.00
76 GLN NE2	12.14	46.22	92.80	15.00
76 GLN C	12.37	45.85	90.59	15.00
76 GLN C	9.78	49.88	89.59	15.00
77 LYS N	9.37	50.72	90.39	15.00
77 LYS CA	10.72	50.19	88.69	15.00
77 LYS CB	11.40	51.49	88.72	15.00
77 LYS CG	12.56	51.50	87.72	15.00
77 LYS CD	13.20	52.85	87.44	15.00
77 LYS CE	14.22	52.70	86.33	15.00
	15.18	51.56	86.62	15.00
77 LYS NZ 77 LYS C	16.20	51.34	85.56	15.00
77 LYS 0	10.51	52.71	88.55	15.00
78 ASN N	10.73	53.76	89.17	15.00
78 ASN CA	9.50	52.55	87.70	15.00
78 ASN CB	8.51	53.59	87.37	15.00
78 ASN CG	7.84	53.25	86.04	15.00
78 ASN OD1	7.15	54.42	85.42	15.00
78 ASN ND2	7.70 5.93	55.49	85.36	15.00
78 ASN C	7.44	54.22	84.95	15.00
78 ASN 0	6.89	53.69 54.77	88.42	15.00
79 ARG N			88.64	15.00
79 ARG CA	7.15 6.14	52.30	90.08	15.00
79 ARG CB	6 27	53 65	90.00	15.00
79 ARG CG	7.58	53.60	91.07	15.00
79 ARG CD	7.76	55.00	92.63	15.00
79 ARG NE	6.66	55.34	02 55	15.00
79 ARG CZ	6.30	54 65	94 63	15.00
79 ARG NH1	6.95	.53 5 <i>0</i>	94.05	15.00
79 ARG NH2	5.21	55 01	05 21	15.00
79 ARG C	4.77	52 46	80 12	15 00
79 ARG 0	3.80	52.99	90.00	15.00
80 GLY N	4.66	51.78	88 30	15 00
			30.30	00

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80 GLY CA	3.39	51.70	87.64	15.00
80 GLY C	3.39	51.50	86.16	
80 GLY O	4.32	51.90	85.43	
81 ILE N	2.30	50.87	85.73	1 2 3 3 5 5 5 6 7 1 2 5
81 ILE CA	2.03	50.55	84.34	
81 ILE CB	2.38	* 4.6 5	83.98	
81 ILE CG2	1.41	48.10	84.64	15.00
81 ILE CG1	2.48	and the second s	82.46	15.00
81 ILE CD1	2.67	47.47	82.00	15.00
81 ILE C	0.57	50.92	84.01	and the second second
81 ILE O	-0.33	50.73	84.82	15.00
82 ASP N	0.35	51.53	82.85	15.00
82 ASP CA	-1.01	51.93	82.43	15.00
82 ASP CB	-0.91	52.93	81.27	15.00
82 ASP CG	-0.45	54.32	81.71	15.00
82 ASP OD1	0.52	54.88	81.14	15.00
82 ASP OD2	-1.08	54.84	82.64	15.00
82 ASP C	-1.87	50.76	82.00	15.00
82 ASP O	-1.39	49.64	81.87	15.00
83 SER N		51.03	81.87	15.00
83 SER CA	-4.11	50.02	81.42	15.00
83 SER CB	-5.54	50.23	82.00	15.00
83 SER OG	1702/2012 1999 1999	51.58	81.87	15.00
83 SER C	-4.14		79.91	15.00
83 SER O	-3.48	51.11	79.34	15.00
84 GLU N	-4.79	49.26	79.24	15.00
84 GLU CA	-4.92	49.33	77.79	14,16% Y 1,18
84 GLU CB	-5.77	48.16		
84 GLU CG	-5.57	47.95	75.77	
84 GLU CD		47.91	75.42	1.0
84 GLU OE1 84 GLU OE2	2. 22	48.88	74.89	FF 121 111 111 1
11 Charles (1707)	-3.46	46.90	75.73	15.00
84 GLU C 84 GLU O	-5.65			
and the second of the second o	-5.13	51.48	76.76	15.00
85 ASP N 85 ASP CA	7 60	50.77	78.03	15.00
	-7.68 -9.03	51.96	70.51	15.00
85 ASP CB 85 ASP CG	-9.03	57 10	70.31	15.00
85 ASP OD1	-10 32	53.70	70.30	15.00
85 ASP OD2	-10.26	53 16	77.15	15 00
	-7.01			
85 ASP 0	-7.29			
86 ALA N			79.05	
		77.20.		40.00

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86 ALA CA	-5.41	54.47	79.38	15.00
86 ALA CB	-4.88	54.38	80.80	15.00
86 ALA C	-4.27	54.73	78.39	
86 ALA O	-4.00	55.89	78.07	
87 TYR N	-3.69			
87 TYR CA	-2.57	53.78	76.88	
87 TYR CB	-1.24	53.68	77.66	15.00
87 TYR CG	0.04	54.14	77.00	the second second
87 TYR CD1	0.10	54.44	75.56	15.00
87 TYR CE1	1.32	54.83	74.98	15.00
87 TYR CD2	1.21	54.26	77.84	15.00
87 TYR CE2	2.42	54.65	77.33	<ul> <li>100 (100 (100 (100 (100 (100 (100 (100</li></ul>
87 TYR CZ	2.49	54.94	75.86	1.77
87 TYR OH	3.71	55.29	75.29	15.00
87 TYR C	-2.68	52.66	75.83	15.00
87 TYR O	-2.00	51.63	75.92	
88 PRO N	-3.51	52.90	74.79	15.00
88 PRO CD	-4.53	53.97	74.75	15.00
88 PRO CA	-3.75	51.94	73.71	15.00
88 PRO CB	-4.87	52.62	72.90	15.00
88 PRO CG	-5.64	53.31	73.98	15.00
88 PRO C	-2.52	51.62	72.84	15.00
88 PRO O	-1.59	52.42	72.70	15.00
89 TYR N	-2.58	50,42	72.24	15.00
89 TYR CA	-1.54	49.87	71.38	15.00
89 TYR CB	-1.64	48.34	71.47	15.00
89 TYR CG	-0.54	47.59	70.84	15.00
89 TYR CD1	0.79	47.78	71.31	15.00
89 TYR CE1	1.83	47.13	70.72	15.00
89 TYR CD2	-0.80	46.69	69.76	15.00
89 TYR CE2		46.03	69.15	15.00
89 TYR CZ	1.53	46.24	69.61	15.00
89 TYR OH	2.55	45.63	68.93	15.00
89 TYR C	-1.73	50.30	69.92	15.00
89 TYR O	-2.81	50.16	69.38	15.00
	-0.65			
90 VAL CA	-0.69	51.22	67.88	15.00
90 VAL CB	0.15	52.67	67.77	15.00
90 VAL CG1	-0.81	53.58	68.80	15.00
90 VAL CG2	1.34	52.68	67.96	15.00
90 VAL C	0.11	50.36	66.90	15.00
90 VAL O	-0.09	50.40	65.68	15.00
91 GLY N	1.05	49.58	67.43	15.00

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91 GLY CA	1.85	48.75	66.55	15.00
91 GLY C	3.14	49.42	66.11	15.00
91 GLY 0	3.81	48.92	65.19	15.00
92 GLN N	3.51	50.52	66.75	15.00
92 GLN CA	4.75	51.17	66.39	15.00
92 GLN CB	4.53	52.11	65.23	15.00
92 GLN CG	3.31	52.97	65.48	15.00
92 GLN CD	3.44	54.31	64.81	15.00
92 GLN OE1	2.68	54.64	63.92	15.00
92 GLN NE2	4.41	55.10	65.25	
92 GLN C	5.34	51.97	67.53	
92 GLN O	4.72	52.25	68.53	15.00
93 GLU N	6.57	52.40	67.30	15.00
93 GLU CA	7.33	53.20	68.25	15.00
93 GLU CB	8.81	53.08	67.91	15.00
93 GLU CG	9.33	51.65	68.15	15.00
93 GLU CD	10.59	51.29	67.38	15.00
93 GLU OE1	10.87	51.94	66.34	15.00
93 GLU OE2	11.31	50.35	67.80	15.00
93 GLU C	6.85	54.66	68.26	15.00
93 GLU O	6.48	55.24	67.24	15.00
94 GLU N	6.79	55.20	69.46	15.00
94 GLU CA	6.36	56.56	69.67	15.00
94 GLU CB	4.83	56.70	69.62	15.00
94 GLU CG	4.07	55.48	70.04	15.00
94 GLU CD	2.76	55.78	70.70	15.00
94 GLU OE1	1.99	56.60	70.14	15.00
94 GLU OE2	2.51	55.26	71.81	15.00
94 GLU C	6.86	56.98	71.01	15.00
94 GLU 0	7.15	56.12	71.84	15.00
95 SER N	6.98	58.29	71.23	15.00
95 SER CA	7.47	58.78	72.52	15.00
95 SER CB	7.26	60.29	72:63	15.00
95 SER OG	6.14	60.73	71.85	15.00
			73.70	15.00
95 SER O		57.59	73.59	15.00
96 CYS N		57.90		
96 CYS CA		57.30		
96 CYS C		58.23		
96 CYS O	6.00	59.44	76.37	15.00
	7.95			
	7.32	56.63		
97 MET N	4.58	57.73	76.42	15.00

#### TABLE X 97 MET CA 58.59 76.84 15.00 97 MET CB 2.40 58.64 75.75 15.00 97 MET CG 2.95 58.79 74.35 15.00 97 MET SD 1.74 59.21 73.09 15.00 97 MET CE 0.27 58.48 73.83 15.00 97 MET C 58.10 78.14 15.00 2.79 97 MET O 1.57 58.06 78.24 15.00 98 TYR N 3.59 57.79 79.15 15.00 98 TYR CA 3.09 57.31 80.45 15.00 98 TYR CB 4.25 56.91 81.37 15.00 3.71 98 TYR CG 56.31 82.64 15.00 98 TYR CD1 2.99 55.13 82.59 15.00 98 TYR CE1 2.42 54.60 83.75 15.00 98 TYR CD2 3.86 56.96 83.88 15.00 98 TYR CE2 3.30 56.45 85.03 15.00 2.59 98 TYR CZ 55.27 84.95 15.00 98 TYR OH 1.99 54.70 86.05 15.00 98 TYR C 2.17 81.19 15.00 58.29 98 TYR O 2.56 59.42 81.48 15.00 0.97 57.85 99 ASN N 81.49 15.00 -0.01 58.66 82.21 15.00 99 ASN CA -1.39 58.64 99 ASN CB 81.52 15.00 99 ASN CG -2.41 59.49 82.25 15.00 -2.15 59.98 99 ASN OD1 83.35 15.00 99 ASN ND2 -3.60 59.65 81.65 15.00 99 ASN C -0.17 58.09 83.63 15.00 99 ASN 0 -0.87 57.05 83.81 15.00 100 PRO N 0.31 58.84 84.66 15.00 100 PRO CD 0.81 60.23 84.63 15.00 0.20 58.38 86.04 100 PRO CA 15.00 0.80 59.53 100 PRO CB 86.83 15.00 1.64 60.28 100 PRO CG 15.00 85.79 -1.25 58.14 100 PRO C 86.50 15.00 -1.49 57.37 100 PRO 0 87.41 15.00 -2.22 58.73 -3.61 58.53 101 THR N 85.82 15.00 101 THR CA 86.23 15.00 101 THR CB -4.58 59.63 85.74 15.00 101 THR OG1 -5.12 59.28 84.45 15.00 101 THR CG2 -3.91 60.96 85.67 15.00 101 THR C -4.09 57.21 85.69 15.00 101 THR 0 -5.05 56.64 86.24 15.00 102 GLY N -3.50 56.77 84.58 15.00 102 GLY CA -3.90 55.51

83.98

15.00

1,20					
	102 GLY C	-3.31	54.30	84.66	15.00
	102 GLY 0		53.16		
	103 LYS N	-2.50	54.52	85.70	15.00
	103 LYS CA	-1.87	53.41	86.40	15.00
	103 LYS CB	-1.06	53.93	87.58	15.00
	103 LYS CG	-0.26	52.86	88.29	15.00
	103 LYS CD	-0.09	53.20	89.77	15.00
	103 LYS CE	-1.41	52.95	90.56	15.00
	103 LYS NZ				
	103 LYS C	-2.90	52.38	86.85	15.00
	103 LYS 0	-3.84	52.70	87.56	15.00
	104 ALA N	-2.70	51.13	86.45	15.00
<b>.</b>	104 ALA CA	-3.60	50.03	86.82	15.00
	104 ALA CB	-4.23	49.45	85.59	15.00
	104 ALA C	-2.81	48.95	87.53	15.00
	104 ALA O	-3:37	48.03	88.10	15.00
	105 ALA N	-1.49	49.07	87.52	15.00
	105 ALA CA	-0.72	48.05	88.20	15.00
	105 ALA CB				15.00
	105 ALA C	0.66	48.46	88.70	15.00
	105 ALA 0	1.21	49.47	88.26	
	106 LYS N				
	106 LYS CA	2.49	47.81	90.27	15.00
	106 LYS CB	2.33	48.37	91.70	15.00
	106 LYS CG	1.94			
	106 LYS CD	2.39	50.49	93.08	15.00
	106 LYS CE	3.90	50.73	93.15	15.00
	106 LYS NZ	4.68	49.45	93.03	15.00
	106 LYS C	3.31	46.52	90.33	15.00
	106 LYS 0	C-1/2 1 1	45.42		
		4.58			
	107 CYS CA		45.50	90.73	15.00
	107 CYS CB	5.96	45.28	89.31	15.00
	107 CYS SG		43.91		
	107 CYS C		45.74		
		7.13			
	108 ARG N	6.93			
marina (n. <del>1</del> 1). Marina	108 ARG CA	8.03	44.94	93.42	15.00
	108 ARG CB				
	108 ARG CG 108 ARG CD		43.41		
	108 ARG CD	6.66	43.37	96.77	15.00
÷ 400.	108 ARG CZ		42.05		
	LOO AND CA	0.63	40.90	צעיסע	15.00
	电压电子 医电流性 化硫酸铵				

	5. · · · ·			
108 ARG NH1	8.05	40.88	96.47	15.00
108 ARG NH2	6.25	39.76	97.31	4.0
108 ARG C	9.24	44.06	93.14	
108 ARG O	9.94	43.63	94.07	
109 GLY N	9.47	43.78	91.85	15.00
109 GLY CA	10.58	42.92	91.49	15.00
109 GLY C	10.15	41.85	90.50	15.00
109 GLY 0	9.05	41.91	89.95	15.00
110 TYR N	10.97	40.81	90.37	15.00
110 TYR CA	10.68	39.71	89.47	15.00
110 TYR CB	10.79	40.15	88.01	15.00
110 TYR CG	12.20	40.50	87.61	15.00
110 TYR CD1	12.66	41.85	87.79	15.00
110 TYR CE1	13.95	42.21	87.41	15.00
110 TYR CD2	13.08	39.49	87.02	15.00
110 TYR CE2	14.35	39.80	86.64	15.00
110 TYR CZ	14.80	41.19	86.83	15.00
110 TYR OH	16.07	41.57	86.47	15.00
110 TYR C	11.67	38.57	89.72	15.00
110 TYR O	12.72	38.78	90.34	15.00
111 ARG N	11.36	37.37	89.26	15.00
111 ARG CA	12.26	36.23	89.43	15.00
111 ARG CB	11.86	35.41	90.67	15.00
111 ARG CG	11.78	36.26	91.94	15.00
111 ARG CD	12.04	35.36	93.15	15.00
111 ARG NE	13.43	34.92	93.18	15.00
111 ARG CZ	13.89	33.89	93.89	15.00
111 ARG NH1	15.19	33.60	93.83	15.00
111 ARG NH2	13.04	33.14	94.59	15.00
111 ARG C	12.24	35.31	88.24	15.00
111 ARG O	11.17	35.05	87.66	15.00
112 GLU N	13.43	34.83	87.90	15.00
112 GLU CA	13.63	33.90	86.82	15.00
112 GLU CB	15.09	33.97	86.40	15.00
TTS GFO CC	15.46	35.25	85.64	15.00
l12 GLU CD	15.38	35.07	84.12	15.00
112 GLU OE1	14.25	35.12		
L12 GLU OE2	16.47	34.88	83.50	15.00
12 GLU C	13.36	32.48	87.30	15.00
12 GLU O	13.00	32.27	88.44	15.00
13 ILE N	13.55	31.53	86.41	15.00
TT3 ITE CY	13.36	30.12	86.72	15.00
13 ILE CB	12.20	29.54	85.92	15.00

			4. 99. OF R 4	* 1.4 Pi
113 ILE CG2	12.22	28.02	85.90	15.00
113 ILE CG1	10.91	30.06	86.51	15.00
113 ILE CD1	9.69	29.82	85.68	15.00
113 ILE C	14.68	29.49	86.33	15.00
113 ILE 0	15.33	29.97	24.47	
114 PRO N	15.20	28.55		15.00
114 PRO CD	14.60	28.07	88.38	
114 PRO CA	16.49	27.87	86.88	
114 PRO CB	16.38	26.62	87.77	[1] The Property of the Control o
114 PRO CG	15.73	27.17	88.97	
114 PRO C	16.69	27.54	85.40	
114 PRO O	15.93	26.78	84.83	
115 GLU N	17.71	28.13	84.80	15.00
115 GLU CA	18.03	28.00	83.38	15.00
115 GLU CB	19.41	28.59	83.11	15.00
115 GLU CG	19.58	29.05	81.64	C 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
115 GLU CD	20.85	29.87	81.42	15.00
115 GLU OE1	20.80	31.11	81.48	15.00
115 GLU OE2	21.91	29.28	81.19	15.00
115 GLU C	17.96	26.62	82.77	15.00
115 GLU O	18.99	25.96	82.65	15.00
116 GLY N	16.78	26.24	82.28	15.00
116 GLY CA	16.64	24.93	81.66	15.00
116 GLY C	15.95	23.89	82.52	15.00
116 GLY 0	15.82	22.73	82.13	15.00
117 ASN N	15.49	24.30	83.70	
117 ASN CA	14.84		84.61	15.00
117 ASN CB	15.29	23.66	86.03	15.00
117 ASN CG	14.55	22.85	87.06	15.00
117 ASN OD1	13.47	22.36	86.81	15.00
117 ASN ND2	15.14	22.73	88.25	15.00
117 ASN C	13.34	23.50	84.47	
117 ASN 0	12.71	24.37	85.05	15.00
118 GLU N	12.78	22.55	83.74	15.00
118 GLU CA	11.35	22.52	83.45	15.00
118 GLU CB	TITIE	21.52	82.33	15.00
118 GLU CG	10.04	21.91	81.37	15.00
TIO GIO CD	9.94	20.95	80.16	15.00
118 GLU OE1	8.82	20.50	79.88	15.00
118 GLU OE2	10.96	20.58	79.52	15.00
118 GLU C	10.45			
118 GLU O	9.30	22.61	84.67	15.00
119 LYS N	10.97			

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	10.15	21.13	86.77	15.00
119 LYS CB	10.74	19.95	87.52	15.00
119 LYS CG	9.69	19.04	88.07	15.00
119 LYS CD	8.84	18.47	86.94	15.00
119 LYS CE	7.78	17.54	87.45	
119 LYS NZ	7.03	17.08	86.28	15.00
119 LYS C	10.02	22.33	87.69	15.00
119 LYS 0	9.02	22.45	88.42	15.00
120 ALA N	11.01	23.22	87.66	15.00
120 ALA CA	10.99	24.43	88.48	15.00
120 ALA CB	12.36	25.05	88.46	15.00
120 ALA C	9.95	25.39	87.87	15.00
120 ALA O	9.39	26.27	88.57	15.00
121 LEU N	9.79	25.27	86.55	15.00
121 LEU CA	8.83	26.05	85.78	15.00
121 LEU CB	9.06	25.87	84.28	15.00
121 LEU CG	8.06	26.54	83.31	15.00
121 LEU CD1	8.05	28.02	83.54	15.00
121 LEU CD2	8.42	26.24	81.90	15.00
121 LEU C	7.43	25.59	86.13	15.00
121 LEU O	6.59	26.43	86.46	15.00
122 LYS N	7.17	24.28	86.10	15.00
122 LYS CA	5.83	23.74	86.40	15.00
122 LYS CB	5.81	22.20	86.25	15.00
122 LYS CG	4.49	21.54	86.59	15.00
122 LYS CD	4.61	20.10	86.92	15.00
122 LYS CE	5.26	19.90	88.29	15.00
122 LYS NZ	5.14	18.48	88.78	15.00
122 LYS C	5.34	24.13	· · · · · · · · · · · · · · · · · · ·	15.00
122 LYS O	4.13		87.99	15.00
123 ARG N	6.27	24.36	88.71	15.00
123 ARG CA	5.90		2007 Aug. 1	
123 ARG CB	6.95	0.00001.00		15.00
123 ARG CG	7.05		91.45	15.00
123 ARG CD	8.15	22.86	92.43	15.00
123 ARG NE	9.44	23.25	91.82	
123 ARG CZ	10.56	23.53	92.50	15.00
	10.58	23.50	93.81	15.00
	11.71			
123 ARG C	5.71	26.25	90.17	15.00
123 ARG O	5.12	26.72	91.13	15.00
124 ALA N		and the second that the second	89.25	
124 ALA CA	6.16	28.42	89.30	15.00

	gradition for the second	ペーズアー かたりゃ		was district
124 ALA CB	7.22	29.12	88.43	15.00
124 ALA C	4.78	7.77	120 100	15.00
124 ALA 0	4.06	29.46		
125 VAL N	4.37	1.5 (1.7)	87.72	
125 VAL CA	3.06		7	
125 VAL CB	2.82		85.72	15.00
125 VAL CG1	4.09	27.54		
125 VAL CG2	1.70	26.88	er i i milletti i Santiki i i i	15.00
125 VAL C	2.03	27.82	88.15	
125 VAL 0	0.89	28.28	88.17	15.00
126 ALA N	2.42	26.86	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	15.00
126 ALA CA	1.47	26.25	ing a committee of the committee of	15.00
126 ALA CB	1.94			
126 ALA C	1.32	27.11	91.12	15.00
126 ALA 0	0.22	27.27	91.63	15.00
127 ARG N	2.42		91.55	15.00
127 ARG CA	2.42	28.50	92.77	15.00
127 ARG CB	3.67	28.22	93.60	15.00
127 ARG CG	3.74	26.79	94.07	15.00
127 ARG CD	5.07	26.45	94.67	15.00
127 ARG NE	5.02	25.01	94.96	7.5
127 ARG CZ	6.03	24.24	95.34	15.00
127 ARG NH1	5.84	No.	95.55	15.00
127 ARG NH2	7.24	24.73	95.54	15.00
127 ARG C	2.30	29.98	92.61	
127 ARG O	2.15	30.68	93.60	15.00
128 VAL N	2.46	30.47	91.38	15.00
128 VAL CA	2.37	31.91	91.11	15.00
128 VAL CB	3.70	32.49	90.59	15.00
128 VAL CG1	3.62	33.98	90.47	
128 VAL CG2	4.87	32.10	91.53	15.00
128 VAL C	1.29	32.25	90.10	15.00
128 VAL 0		33.10		
129 GLY N	1.30	31.60	88.94	15.00
129 GLY CA	0.31	31.85	87.91	
129 GLY C	1.10	32.00	86.61	15.00
129 GLY 0	2.27	31.60	86.57	15.00
130 PRO N	0.52	32.56	85.53	15.00
130 PRO CD	-0.89	32.96	85.30	15.00
130 PRO CA	1.27	32.70	84.30	
130 PRO CB	0.38	33.61	83.50	15.00
130 PRO CG	-0.98	33.09	83.81	15.00
130 PRO C	2.68	33.24	84.44	15.00

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130 PRO O	2.93	34.17	85.20	15.00
131 VAL N	3.59	JZ.J0	03.13	15.00
131 VAL CA	5.01		83.76	15.00
131 VAL CB	5.79	31.64	84.27	
131 VAL CG1	7.25	31.88	84.32	15 00
131 VAL CG2	5.29	31.20	85.62	15.00
131 VAL C	5.46	33.28	82.34	15.00
131 VAL 0			81.36	
132 SER N		34.30	and the second second second	15.00
132 SER CA	6.77	34.75	80.98	15.00
132 SER CB			81.04	
132 SER OG	5.98	36.98	81.39	15.00
132 SER C	7.92	33.89	80.48	15.00
132 SER 0	9.01	33.83	81.08	15.00
133 VAL N	765	33.20	79.38	15.00
133 VAL CA	8.65	32.34	78.76	15.00
133 VAL CB	8.09	30.90	78.61	15.00
133 VAL CG1	7.58	30.35	79.92	15.00
133 VAL CG2	6.97	30.91	77.61	15.00
133 VAL C	9.05	32.84	77.37	15.00
133 VAL 0	8.48	33.81	76.85	15.00
134 ALA N	10.08	32.21	76.81	15.00
134 ALA CA	10.60	32.51	75.49	15.00
134 ALA CB		33.29		
134 ALA C	10.85		74.84	
134 ALA O	11.46	30.30	75.47	
135 ILE N	10.35	30.97		15.00
135 ILE CA	10.52	29.73	72.86	
135 ILE CB	9.18	28.95	72.80	15.00
135 ILE CG2			74.21	
135 ILE CG1	8.13	29.80	72.09	15.00
135 ILE CD1	6.78	29.14	72.00	15.00
135 ILE C	11.04	30.04	71.44	15.00
135 ILE 0	11.30		71.08	
136 ASP N	11.28			15.00
136 ASP CA	11.71	29.13	69.30	
136 ASP CB	12.68	28.01	68.94	
136 ASP CG	13.21		67.50	
136 ASP OD1	13.77	27.12	/	15.00
136 ASP OD2	13.08			15.00
136 ASP C	10.45			15.00
136 ASP 0	9.90	27.82	68.48	
137 ALA N	9.98	30.01		15.00

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137 ALA CA	8.78	29.93	67.06	15.00
137 ALA CB	7.74	30.91	67.56	15.00
137 ALA C	9.09	30.18	65.58	15.00
137 ALA 0	8.27	30.79	64.88	
138 SER N	10.22	29.67	65.10	15.00
138 SER CA	10.66	29.83	63.72	15.00
138 SER CB	12.18	29.81	63.63	15.00
138 SER OG	12.67	28.54		15.00
138 SER C	10.15	28.77	62.77	15.00
138 SER 0	9.81	29.07	61.62	15.00
139 LEU N	10.12	27.53	63.26	
139 LEU CA	9.66	26.42		15.00
139 LEU CB	9.74	25.13	63.29	1100 1000
139 LEU CG	11.05	24.33		15.00
139 LEU CD1	12.24	25.24	63.67	15.00
139 LEU CD2	10.92	23.21		15.00
139 LEU C	8.24	26.59	61.88	15.00
139 LEU O	7.32	26.95	62.60	15.00
140 THR N	8.08	26.30		15.00
140 THR CA	6.80	26.39	59.88	15.00
140 THR CB	6.88	25.76	58.50	15.00
140 THR OG1	8.18	25.97	57.94	15.00
140 THR CG2	5.86	: :	57.60	15.00
140 THR C	5.76	25.62	60.67	15.00
140 THR 0	4.67	26.12	60.88	15.00
141 SER N	6.13	24.45	61.17	15.00
141 SER CA	5.20	23.63	61.94	15.00
141 SER CB	5.79	22.28	62.28	15.00
141 SER OG	7.00	22.40	62.97	15.00
141 SER C	4.65	24.28	63.18	15.00
141 SER 0	3.60	23.89	63.66	15.00
142 PHE N	5.35	25.26	63.72	15.00
142 PHE CA		25.94	64.90	15.00
142 PHE CB	5.94	26.71	65.64	15.00
142 PHE CG	5.46	27.49	66.86	15.00
142 PHE CD1	5.60	26.99	68.12	15.00
142 PHE CD2	4.89		66.71	
142 PHE CE1		27.76		
142 PHE CE2		29.49		
142 PHE CZ		29.00	69.07	15.00
142 PHE C	3.74		64.42	15.00
142 PHE O		26.88		15.00
143 GLN N	4.08	27.58	63.36	15.00

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143 GLN CA	3.24	28.59	62.73	15.00
143 GLN CB	4.04	29.36	61.69	The second contract of the second
143 GLN CG		29.87		.:
143 GLN CD	6.19	30.64	The registrer of the second of the	
143 GLN OE1	5.83	31.75	and the second of the second	15.00
143 GLN NE2	7.25	30.01		15.00
143 GLN C	1.95	28.10	62.12	15.00
143 GLN 0	0.99	28.86	The second of the second of the	15.00
144 PHE N	. 1.91	26.90	61.55	15.00
144 PHE CA	0.61	26.44	61.01	15.00
144 PHE CB	0.73	25.77	59.63	15.00
144 PHE CG	1.72	24.62	59.58	15.00
144 PHE CD1	2.76	24.61	58.69	15.00
144 PHE CD2	1.58	23.50	60.36	15.00
144 PHE CE1	3.60	23.51	58.60	15.00
144 PHE CE2	2.47	22.41	60.22	15.00
144 PHE CZ	3.44	22.44	59.35	15.00
144 PHE C	-0.14	25.50	61.98	15.00
144 PHE 0	-1.10	24.82	61.59	15.00
145 TYR N	0.31	25.47	63.24	15.00
145 TYR CA	-0.31	24.65	64.26	15.00
145 TYR CB	0.32	24.91	65.65	15.00
145 TYR CG	-0.47	24.34	66.81	15.00
145 TYR CD1	-0.26	23.01	67.22	15.00
145 TYR CE1	-0.98	22.48	68.28	15.00
145 TYR CD2	-1.42	25.12	67.48	15.00
145 TYR CE2	-2.15	24.61	68.54	15.00
145 TYR CZ	-1.93	23.28	68.94	15.00
145 TYR OH	-2.67	22.83	70.02	15.00
145 TYR C	-1.80	24.98	64.30	15.00
145 TYR 0	-2.24	26.10	64.03	15.00
146 SER N	-2.60	24.00	64.69	15.00
146 SER CA	-4.06			
146 SER CB	-4.67		63.48	
146 SER OG			63.27	
146 SER C			65.95	
146 SER O	-5.59	23.89	66.62	15.00
147 LYS N	-4.20	22.20	66.13	15.00
147 LYS CA			67.20	
147 LYS CB	-5.96	20.64	66.83	15.00
147 LYS CG	-5.81	19.47	65.90	15.00
147 LYS CD	-7.06			
147 LYS CE	-6.91	17.41	64.96	15.00

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147 LYS NZ	-8.13	16.56	64.99	15.00
147 LYS C	-3.60	20.36	67.62	15.00
147 LYS 0	-2.62	20.16	66.90	15.00
148 GLY N	-3.82	19.73	68.78	15.00
148 GLY CA	-2.88	18.75	69.30	15.00
148 GLY C	-1.76	19.26	70.20	15.00
148 GLY 0	-1.75	20.39	70.59	15.00
149 VAL N	-0.79	18.40	70.52	15.00
149 VAL CA	0.33	18.81	71.35	15.00
149 VAL CB	0.58	17.89	72.57	15.00
149 VAL CG1	1.74	18.42	73.41	15.00
149 VAL CG2	-0.68	17.75	73.42	15.00
149 VAL C	1.59	18.86	70.48	15.00
149 VAL 0	2.06	17.84	69.96	15.00
150 TYR N	2.13	20.07	70.35	15.00
150 TYR CA	3.32	20.33	69.53	15.00
150 TYR CB	3.50	21.83	69.29	15.00
150 TYR CG	4.59	22.21	68.31	15.00
150 TYR CD1	4.47	22.01	66.95	15.00
150 TYR CE1	5.48	22.37	66.04	15.00
150 TYR CD2	5.74	22.78	68.72	15.00
150 TYR CE2	6.75	23.13	67.81	15.00
150 TYR CZ	6.61	22.93	66.48	15.00
150 TYR OH	7.57	23.30	65.60	15.00
150 TYR C	4.60	19.72	70.12	15.00
150 TYR O	4.76	19.60	71.37	15.00
151 TYR N	5.44	19.24	69.21	15.00
151 TYR CA	6.74	18.68	69.55	15.00
151 TYR CB	6.62	17.30	70.22	15.00
151 TYR CG	7.96	16.61	70.42	15.00
151 TYR CD1	9.15	17.34	70.60	15.00
151 TYR CE1 151 TYR CD2	10.41	16.67	70.84	15.00
151 TYR CD2	8.02	15.21	70.47	15.00
151 TYR CE2	9.24	14.52	70.71	15.00
151 TYR CZ	10.43	15.27	70.89	15.00
151 TYR OH	11.60	14.61	71.14	15.00
151 TYR C	7.38	18.53	68.19	15.00
151 TYR O	6.82	17.86	67.31	15.00
152 ASP N	8.47	19.26	67.98	15.00
152 ASP CA	9.18	19.22	66.71	15.00
152 ASP CB	8.83	20.40	65.81	15.00
152 ASP CG	9.30			
152 ASP OD1	10.54	20.06	64.18	15.00

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152 ASP OD2	8.42	20.06	63.48	15.00
152 ASP C	10.69		66.97	
152 ASP 0	11.34	20.21		15.00
153 GLU N	11.24		66.94	15.00
153 GLU CA	12.64		67.18	15.00
153 GLU CB	13.00	16.30	66.88	15.00
153 GLU CG	12.45	15.71	65.61	15.00
153 GLU CD	11.10	15.02	65.83	15.00
153 GLU OE1	11.10	13.96	66.53	
153 GLU OE2	10.06	The first of the second of the second	65.30	15.00
153 GLU C		18.73	66.48	15.00
153 GLU O	14.75	18.90	66.91	15.00
154 SER N	13.17		65.35	15.00
154 SER CA	14.02	20.24	64.60	15.00
154 SER CB	13.49	20.49	63.17	15.00
154 SER OG	13.06			15.00
154 SER C	14.13	1. J. 1. J 1 h. 1 J. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	65.34	15.00
154 SER 0	14.95	22.40	65.00	15.00
155 CYS N	13.37	21.72	66.43	15.00
155 CYS CA	13.33	22.98	67.21	15.00
155 CYS C		23.18		15.00
155 CYS 0	15.25	22.21	68.44	15.00
155 CYS CB	12.15		68.17	15.00
155 CYS SG	11.63	24.66	68.64	15.00
156 ASN N	15.04	24.44	68.16	15.00
156 ASN CA	16.31	24.74	68.81	15.00
156 ASN CB	17.20	25.46	67.80	15.00
156 ASN CG	18.46			15.00
156 ASN OD1	18.80	25.83	69.59	15.00
156 ASN ND2	19.18	26.80	67.59	15.00
156 ASN C	16.22	25.55	70.11	15.00
156 ASN 0	16.12	26.80	70.09	
157 SER N	16.27			
157 SER CA	16.22	25.44	72.55	15.00
157 SER CB	16.51	24.37	73.60	15.00
157 SER OG	15.49	23.40	73.56	15.00
157 SER C	17.22	26.59	72.72	15.00
157 SER O	16.99	27.51	73.49	15.00
158 ASP N	18.35	26.52	72.02	15.00
158 ASP CA	19.40	27.52	72.06	15.00
158 ASP CB	20.71	26.91	71.57	15.00
158 ASP CG	20.91	25.47	72.03	15.00
158 ASP OD1	21.16	24.60	71.16	15.00

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158 ASP OD2	20.81	25.18	73.26	15.00
158 ASP C	19.05	28.77	71.26	15.00
158 ASP 0	19.69	29.81	71.37	15.00
159 ASN N	18.04	28.67	70.40	15.00
159 ASN CA	17.64	29.82	69.62	15.00
159 ASN CB	17.77	29.53	68.12	15.00
159 ASN CG	17.54	30.78	67.23	15.00
159 ASN OD1	17.33	30.67	66.00	15.00
159 ASN ND2	17.63	31.96	67.83	15.00
159 ASN C	16.22	30.27	69.99	15.00
159 ASN 0	15.23	29.87	69.36	15.00
160 LEU N	16.12	31.10	71.03	15.00
160 LEU CA	14.84	31.64	71.49	15.00
160 LEU CB	14.88	31.87	73.00	15.00
160 LEU CG	15.40	30.70	73.88	15.00
160 LEU CD1	15.23	31.09	75.33	15.00
160 LEU CD2	14.68	29.38	73.59	15.00
160 LEU C	14.66	32.96	70.75	15.00
160 LEU O	15.56	33.76	70.75	15.00
161 ASN N	13.52	33.17	70.11	15.00
161 ASN CA	13.28	34.40	69.36	15.00
161 ASN CB	13.53	34.18	67.85	15.00
161 ASN CG	12.91	32.90	67.32	15.00
161 ASN OD1	11.68	32.70	67.33	15.00
161 ASN ND2	13.78	32.01	66.83	15.00
161 ASN C	11.86	34.98	69.54	15.00
161 ASN O	11.57	36.09	69.09	15.00
162 HIS N	10.99	34.28	70.26	15.00
162 HIS CA	9.66	34.79	70.41	15.00
162 HIS CB	8.74	34.04	69.45	Arrian militar Bay
162 HIS CG	7.37	34.62	69.35	15.00
162 HIS CD2	6.94	35.88	69.10	15.00
162 HIS ND1	6.24	33.84	69.45	15.00
162 HIS CE1	5.17	34.59	69.25	15.00
162 HIS NE2	5.57	35.83	69.03	15.00
	9.28			
162 HIS O	9.61	33.48	72.39	15.00
163 ALA N	8.70	35.56	72.47	15.00
163 ALA CA	8.26	35.51	73.85	15.00
163 ALA CB				
163 ALA C	6.78	35.24	73.87	15.00
163 ALA O	6.02	35.80	73.09	15.00
164 VAL N	6.39	34.38	74.78	15.00

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164 VAL CA	5.01	34.03	74.97	15.00
164 VAL CB	4.69	32.69	74.29	15.00
164 VAL CG1	4.67	32.84	72.75	
164 VAL CG2	5.73	31.64	74.69	15.00
164 VAL C	4.72	33.94	76.48	15.00
164 VAL 0	5.55	34.42	77.30	15.00
165 LEU N	3.60	33.31	76.85	15.00
165 LEU CA	3.27	33.21	78.26	15.00
165 LEU CB	2.31	34.36	78.60	15.00
165 LEU CG	1.52	34.51	79.93	15.00
165 LEU CD1	2.25	35.21	81.00	15.00
165 LEU CD2	0.26	35.25	79.65	15.00
165 LEU C	2.65	31.88	78.63	15.00
165 LEU 0	1.68	31.50	77.98	15.00
166 ALA N	3.25	31.15	79.57	15.00
166 ALA CA	2.73	29.85	80.03	15.00
166 ALA CB	3.79	29.05	80.72	15.00
166 ALA C	1.57	30.12	80.98	15.00
166 ALA O	1.76	30.63	82.05	15.00
167 VAL N	0.38	29.73	80.56	15.00
167 VAL CA	-0.88	29.95	81.26	15.00
167 VAL CB	-1.94	30.48	80.19	15.00
167 VAL CG1	-3.36	30.02	80.45	15.00
167 VAL CG2	-1.88	32.03	80.10	15.00
167 VAL C	-1.36	28.70	82.03	15.00
167 VAL O	-2.35	28.75	82.70	15.00
168 GLY N	-0.67	27.57	81.88	15.00
168 GLY CA	-1.07	26.35	82.56	15.00
Fee GTA C	-0.36	25.13	82.00	15.00
L68 GLY O	0.52	25.29	81.17	15.00
l69 TYR N	-0.68	23.94	82.49	15.00
L69 TYR CA	-0.03	22.73	81.98	15.00
169 TYR CB	1.33	22.45	82.69	15.00
	1.24	Day 2 Deep 2 43	84.21	15.00
69 TYR CD1	0.66	21.21	84.82	15.00
69 TYR CE1	0.51	21.16	86.19	15.00
69 TYR CD2	1.67	23.36	85.02	15.00
69 TYR CE2	1.53	23.30	86.36	15.00
69 TYR CZ	0.94	22.20	86.95	15.00
	0.76		88.32	15.00
69 TYR C	-0.97	21.62	82.29	15.00
69 TYR O	-1.89	21.79	83.08	15.00
70 GLY N			81.70	

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170 GLY CA	-1.54	19.31	81.93	15.00
170 GLY C	-1.19	18.20	80.97	St. 1 5 5 5 6 5 7
170 GLY 0	-0.05	18.05	80.56	15.00
171 ILE N	-2.19	17.42	80.63	15.00
171 ILE CA	-1.99	16.31	79.71	15.00
171 ILE CB	-1.71	14.98	80.49	15.00
171 ILE CG2	-2.84	14.65	81.48	15.00
171 ILE CG1	-1.47	13.80	79.57	15.00
171 ILE CD1	-1.37	12.49	80.30	15.00
171 ILE C	-3.23	16.19	78.81	15.00
171 ILE 0	-4.29	16.77	79.10	15.00
172 GLN N	-3.09	15.50	77.69	15.00
172 GLN CA	-4.21	15.35	76.77	15.00
172 GLN CB	-3.96	16.16	75.48	15.00
172 GLN CG	-5.15	16.20	74.49	15.00
172 GLN CD	-5.05	17.33	73.50	15.00
172 GLN 0E1	-4.76	18.47	73.87	15.00
172 GLN NE2	-5.27	17.03	72.22	15.00
172 GLN C	-4.51	13.86	76.49	15.00
172 GLN 0	-5.23	13.22	77.27	15.00
173 LYS N	-4.00	13.30	75.41	15.00
173 LYS CA	-4.27	11.89	75.22	15.00
173 LYS CB	-4.76	11.64	73.81	15.00
173 LYS CG	-6.07	12.36	73.52	15.00
173 LYS CD	-6.45	12.30	72.03	15.00
173 LYS CE	-5.44	13.01	71.15	15.00
173 LYS NZ	-5.85	12.96	69.72	15.00
173 LYS C	-2.97	11.18	75.51	15.00
173 LYS 0	-2.29	10.72	74.59	15.00
174 GLY N	-2.59	11.22	76.78	15.00
174 GLY CA	-1.36	10.60	77.21	15.00
174 GLY C	-0.18	11.54	77.14	15.00
174 GLY 0	0.88	11.27	77.72	15.00
L/5 ASN N	-0.34	12.66	76.42	15.00
175 ASN CA	0.75	13.62	76.27	15.00
175 ASN CB	0.84	14.07	74.82	15.00
175 ASN CG	1.30	12.97	73.90	15.00
TIO WOLL ODT	2.40	12.52	13.96	15.00
L/5 ASN ND2	0.38	12.50	73.05	15.00
175 ASN C	0.75	14.84	77.17	15.00
L75 ASN O	-0.24	15.61	77.23	15.00
L76 LYS N	1.91	15.07	77.78	15.00
L76 LYS CA	2.12	16.20	78.66	15.00

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176 LYS CB	3.36	15.99	79.53	15.00
176 LYS CG	3.19	14.86	80.52	15.00
176 LYS CD	4.24	14.85	81.66	and the control of th
176 LYS CE	4.17	13.51	82.41	15.00
176 LYS NZ	2.95	13.37	83.28	15.00
176 LYS C	2.25	17.46	77.85	15.00
176 LYS 0	2.71	17.42	76.71	C C C C C C C C C C C C C C C C C C C
177 HIS N	1.74	18.56	78.38	15.00
177 HIS CA	1.85	19.81	77.66	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
177 HIS CB	0.73	19.92	76.63	15.00
177 HIS CG	-0.62	20.17	77.21	15.00
177 HIS CD2	-1.20	21.32	77.65	- 1 . + 3450000 00+10+10+10
177 HIS ND1	-1.56	19.18	77.38	15.00
177 HIS CE1	-2.67	19.70	77.89	15.00
177 HIS NE2	-2.47	21.00	78.06	
177 HIS C	1.83	21.03	78.53	. 6 - 60 (0.000) 0.000, 0.000 6 -
177 HIS 0	1.38	20.97	79.68	15.00
178 TRP N	2.20	22.13	77.89	15.00
178 TRP CA	2.21	23.47	78.45	15.00
178 TRP CB	3.57	24.15	78.26	15.00
178 TRP CG	4.71	23.55	78.98	15.00
178 TRP CD2	4.98	23.62	80.41	15.00
178 TRP CE2	6.14	22.88	80.64	15.00
178 TRP CE3	4.33	24.22	81.52	15.00
178 TRP CD1	5.70	22.82	78.45	15.00
178 TRP NE1	6.56	22.40	79.44	15.00
178 TRP CZ2	6.67	22.72	81.91	15.00
178 TRP CZ3	4.86	24.05	82.77	15.00
178 TRP CH2	6.01	23.31	82.96	15.00
178 TRP C	1.18	24.24	77.64	15.00
178 TRP 0	<ul> <li>1.00 (No. 10)</li> </ul>	24.11	76.42	15.00
	0.33	25.01	78.30	15.00
179 ILE CA				
179 ILE CB	-1.90		78.34	15.00
179 ILE CG2	-2.77			15.00
179 ILE CG1		24.73	78.71	15.00
179 ILE CD1	-3.79	24.79	79.53	
179 ILE C				15.00
179 ILE 0			78.27	15.00
180 ILE N	0.23		76.05	
	0.89		75.68	
180 ILE CB			74.78	
180 ILE CG2	2.73	29.81	74.51	15.00

	·			
180 ILE CG1	3.09	27.57	75.46	15.00
180 ILE CD1	3.92	28.26	76.47	15.00
180 ILE C	-0.04	29.69	75.03	15.00
180 ILE 0	-0.88	29.33	74.22	15.00
181 LYS N	0.06	30.94	75.44	15.00
181 LYS CA	-0.80	31.95	74.91	15.00
181 LYS CB	-1.26	32.84	76.03	15.00
181 LYS CG	-1.94	34.09	75.52	15.00
181 LYS CD	-2.47	34.90	76.67	15.00
181 LYS CE	-2.92	36.22	76.11	15.00
181 LYS NZ	-3.47	37.09	77.17	The state of the s
181 LYS C	0.15	32.72	74.03	15.00
181 LYS 0	1.19	33.15	74.52	15.00
182 ASN N	-0.15	32.81	72.75	15.00
182 ASN CA	0.73	33.49	71.81	15.00
182 ASN CB	0.96	32.61	70.59	15.00
182 ASN CG	1.97	33.17	69.65	15.00
182 ASN OD1	2.31	34.34	69.73	15.00
182 ASN ND2	2.42	32.35	68.71	15.00
182 ASN C	0.01	34.76	71.38	15.00
182 ASN 0	-1.21	34.83	71.39	15.00
183 SER N	0.75	35.80	71.01	15.00
183 SER CA	0.09	37.03	70.61	15.00
183 SER CB	0.81	38.23	71.20	15.00
183 SER OG	2.19	38.09	71.04	15.00
183 SER C	-0.09	37.18	69.10	15.00
183 SER 0	0.19	38.25	68.56	15.00
184 TRP N	-0.58	36.16	68.41	15.00
184 TRP CA	-0.73	36.29	66.97	15.00
184 TRP CB	0.00	35.18	66.21	15.00
184 TRP CG	1.47	35.38	66.20	15.00
184 TRP CD2		The second second	65.92	
184 TRP CE2		35.01		15.00
184 TRP CE3	2.38			
184 TRP CD1	2.13	36.54	66.41	15.00
184 TRP NE1			66.27	
184 TRP CZ2		34.32		15.00
184 TRP CZ3			65.37	
184 TRP CH2	4.79	32.98	65.44	15.00
184 TRP C	-2.17			
184 TRP 0	-2.53			
185 GLY N			67.51	
185 GLY CA	-4.37	37.14	67.23	15.00
			* 55	

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185 GLY	C	-5.06	35.83	67.50	15.00
185 GLY	0	-4.46	34.76	67.64	15.00
186 GLU	N	-6.37	35.94	67.57	15.00
186 GLU	CA	-7.23	34.80	67.84	15.00
186 GLU	CB	-8.63	35.32	68.26	15.00
186 GLU	CG	-9.57	34.27	68.68	15.00
186 GLU	CD .	-10.89	34.86	69.09	15.00
186 GLU	OE1	-11.68	35.25	68.20	15.00
186 GLU	OE2 -	-11.14	34.91	70.31	15.00
186 GLU	C	-7.36	33.76	66.75	15.00
186 GLU	0	-7.74	32.62	67.03	15.00
187 ASN	N	-7.00	34.14	65.52	15.00
187 ASN	CA	-7.11	33.25	64.36	15.00
187 ASN	СВ	-7.33	34.07	63.08	15.00
187 ASN	CG	-8.45	33.50	62.21	15.00
187 ASN	OD1	-8.22	33.17	61.07	15.00
187 ASN	ND2	-9.66	33.42	62.75	15.00
187 ASN	C	-5.92	32.36	64.14	15.00
187 ASN	0	-5.90	31.63	63.13	15.00
188 TRP	N	-4.89	32.50	64.96	15.00
188 TRP	CA	-3.73	31.66	64.83	15.00
188 TRP	CB	-2.53	32.41	65.32	15.00
188 TRP	CG	-1.34	31.51	65.25	15.00
188 TRP	C120 (C00)	-0.66	30.87	66.35	15.00
188 TRP	1505 750	0.34	30.12	65.83	15.00
188 TRP	The second second second	-0.81	30.87	67.72	15.00
188 TRP		-0.72	31.11	64.13	15.00
188 TRP		0.30	30.26	64.46	15.00
188 TRP	100 GA (10 )	1.18	29.39	66.64	15.00
188 TRP	1904 for the 1909 of the	0.04	30.13	68.52	15.00
188 TRP	of the state of the same	0.98	29.43	68.01	15.00
188 TRP		-3.93	30.46	65.72	15.00
188 TRP	0	-4.69	30.59	66.69	15.00
189 GLY	N	-3.29	29.33	65.40	15.00
			28.14		
189 GLY	C	-4.80	27.88	66.77	15.00
189 GLY	0	-5.82	28.15	66.15	15.00
190 ASN	N	-4.87	27.38	67.98	15.00
190 ASN	CA	-6.16	27.08	68.58	15.00
190 ASN	CB	-6.04	25.89	69.53	15.00
190 ASN	CG	-7.37	25.28	69.86	15.00
TAO WOW	ODI	-8.42	25.95	69.81	15.00
TAO WEN	ND2	-7.34	24.00	70.23	15.00

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190 ASN C -6.70 190 ASN O -6.57	28.34 28.50		
190 ASN O -6.57	28.50	70 46	
		V 3.0	15.00
191 LYS N -7.23	29.26	68.47	15.00
191 LYS CA -7.79	30.49	68.99	15.00
191 LYS CB -9.10	30.17	69.71	
191 LYS CG -10.01	29.28	68.87	15.00
191 LYS CD -10.50	29.93		
191 LYS CE -9.41	30.19		
191 LYS NZ -8.63	28.95		
191 LYS C -6.81	31.27	69.84	
191 LYS 0 -7.13	31.73		
192 GLY N -5.60	31.43	69.30	• .
192 GLY CA -4.58	32.18	70.01	
192 GLY C -3.63	31.36	and the second of the second	
192 GLY O -2.54	31.86	71.19	15.00
그 교수가 있는 경험하는 이 경험 시간을 하는 것이다. 그는 사람들은 그는 작가지 않는데 있다.	30.16		15.00
[대] (1855년 전 전 1975년 2월 1876년 1984년 1987년 - 1987년 - 1987년 1월 1887년 - 1987년 19	29.32	72.12	
	28.72	73.28	15.00
그 그리다면 1일 1일 시간 장마리 하면 생각하는 이 사람이 있는 사람들이 가지 않는데 되었다. 그 생각이 되었다.	29.79	74.21	15.00
. IV MAA ). Liter (Minima) in a chiving the wind of the	30.50		15.00
그리는 사람이 얼마나 아내는 이 아이들이 살아 있다면 살아 내려가 되었다.	31.53	74.73	15.00
	30.13	75.36	
- 시민도 얼그렇지 않아 내내와 양양양식소(손) - 수사는 대양양성(상) 당신()	31.14	76.20	15.00
그 그 그는 물을 가는 그리고 불로 가장 살려왔다. 그러워 그 생생님 이번 불편하는 그는 데 함께	31.84	75.89	15.00
	32.89	76.71	15.00
	28.21	71.35	15.00
	27.94	70.17	15.00
그런 이를 늦게 되었으면 한 사용되었다. 그런 그런 점점하는 그 이렇게 되었습니다.	27.50	72.06	15.00
이 그 그녀로 그리고 싶어요? 하는 사람들이 보고 그는 사람들이 되어 되었다.	26.35	71.50	15.00
	26.72	70.64	15.00
요즘 그 그 그 그 그 그 사람들은 사람들이 하지 않는 것이 되었다. 그는 사람들이 살아 없었다.	27.65	71.44	15.00
194 ILE CG1 1.03	Commission of the commission o		
그는 어느님들, 살아 하면 안 없어 작업으로 가려지 않는 생각 선생님이 생각 수 없었다.		69.14	and the second
그는 사실 그 원들 등에 가는 바다가 들었다. 점점 그는 점을 모르게 되었다.		72.70	
194 ILE O -0.28 2	26.08	73.75	15.00
195 LEU N -0.56 2	4.23		15.00
195 LEU CA -0.12 2			
195 LEU CB -1.11 2	2.15		15.00
195 LEU CG -2 34 2	2 29	74 50	15 00
195 LEU CD1 -2.88 2	3.70	74.67	15.00
195 LEU CD2 -3.41 2	1.38	74.05	15.00
195 LEU C 1.21 2			
195 LEU 0 1.31 2	a sin	71.99	
그리고 그 아니다 한 사람들이 되었다고 보이고 있다. 이 현 그 아니라 그 그 그리고 있는 중에 있을 것이 되고 있는 중에 있다.		<del>-</del>	

		P1 (V) = 1 V (V)		
196 MET N	2.25	23.13	73.83	15.00
196 MET CA	3.58		73.45	
196 MET CB	4.57		73.65	
196 MET CG	4.29			
196 MET SD	5.56			
196 MET CE	7.08	7 (11) A 1 (11) A 10 (11)		
196 MET C	3.97	ALA CARA A	1.00	
196 MET 0	3.31	21.15		
197 ALA N	4.97			
197 ALA CA	5.38	19.48		
197 ALA CB	** 1.81.1 5.64 (** k.*) . **	18.63	73.67	
197 ALA C	adar a ay fiyat isti isti a t	19.71		
197 ALA O	6.93	20.50	76.02	
198 ARG N	5.56	19.01		15.00
198 ARG CA		19.21		
198 ARG CB	A CONTRACT OF THE STATE OF THE	19.61		15.00
198 ARG CG	5.46		80.76	
198 ARG CD	4.45			
198 ARG NE	3.20	19.48	81.76	
198 ARG CZ	3.00			
198 ARG NH1	3.99	18.18		
198 ARG NH2	1.80	17.95	82.78	Annual Control of the
198 ARG C	6.82	17.93	78.72	and the same of th
198 ARG O	6.19	16.88	78.82	
199 ASN N	8.13	18.02		15.00
199 ASN CA	8.99	16.89	79.34	15.00
199 ASN CB	8.28	15.93	80.33	15.00
199 ASN CG	8.26	16.47	81.77	15.00
199 ASN OD1	7.22	16.83	82.31	15.00
199 ASN ND2	9.45	16.55	82.38	15.00
199 ASN C	9.79	16.12	78.28	15.00
199 ASN 0	10.49	15.17	78.61	15.00
200 LYS N		16.62		15.00
200 LYS CA	10.56	16.06	75.94	15.00
200 LYS CB	9.83	16.23	74.61	
200 LYS CG	8.82		74.28	15.00
200 LYS CD	7.48		74.99	
200 LYS CE			74.07	
200 LYS NZ	6.29	13.60	73.43	
200 LYS C	11.87	16.86	75.92	
200 LYS 0		17.61	74.99	15.00
201 ASN N			76.99	
201 ASN CA	13.91	17.41	77.22	15.00

				1.00
201 ASN CB	15.14	16.71	76.60	15.00
201 ASN CG	15.48	15.43	77.29	15.00
201 ASN OD1	15.33	14.36	76.70	15.00
201 ASN ND2	15.91	15.52	78.56	
201 ASN C	13.91	18.86	76.81	15.00
201 ASN 0	14.74	19.28	76.01	15.00
202 ASN N	13.02	19.62	77.41	15.00
202 ASN CA	12.87	21.05	77.17	15.00
202 ASN CB	13.98	21.82	77.88	15.00
202 ASN CG	13.66	23.27	78.07	15.00
202 ASN OD1	12.53	23.63	78.38	15.00
202 ASN ND2	14.63	24.12	77.83	15.00
202 ASN C	12.73	21.47	75.69	15.00
202 ASN 0	13.48	22.28	75.16	15.00
203 ALA N	11.66	21.00	75.05	15.00
203 ALA H	11.06	20.52	75.65	15.00
203 ALA CA	11.34	21.22	73.64	15.00
203 ALA CB	10.03	20.53	73.27	15.00
203 ALA C	11.16	22.72	73.38	15.00
203 ALA O	10.25	23.38	73.78	15.00
204 CYS N	11.98	23.21	72.42	15.00
204 CYS CA	12.00	24.60	72.00	15.00
204 CYS C	12.56	25.58	73.01	15.00
204 CYS O	12.50	26.79	72.81	15.00
204 CYS CB	10.64	25.06	71.56	15.00
204 CYS SG	10.05	24.34	69.96	15.00
205 GLY N	13.03	25.04	74.13	15.00
205 GLY CA	13.63	25.86	75.14	15.00
205 GLY C	12.69	26.61	76.01	15.00
205 GLY 0	13.03	27.59	76.63	15.00
206 ILE N	11.50	26.08	76.12	15.00
206 ILE CA	10.47	26.69	76.92	15.00
206 ILE CB	9.30	25.69	77.08	15.00
206 ILE CG2	9.78	24.44	77.78	15.00
206 ILE CG1	8.15	26.33	77.87	15.00
206 ILE CD1	7.20	27.12	77.00	15.00
206 ILE C	10.95	27.11	78.33	15.00
206 ILE O	10.50	28.12	78.86	15.00
207 ALA N	11.85	26.34	78.95	15.00
207 ALA CA	12.32	26.67	80.30	15.00
207 ALA CB	12.30	25.45	81.18	15.00
207 ALA C	13.68	27.35	80.43	15.00
207 ALA O	14.20	27.46	81.56	15.00

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208 ASN N	14.21	27.84	79.31	15.00
208 ASN CA	15.51	28.52	79.26	
208 ASN CB	16.13	28.39	77.88	
208 ASN CG	16.75	27.01		
208 ASN OD1	16.26	25.96	78.00	
208 ASN ND2	17.86	27.03		and the first of the second control of the second
208 ASN C	15.37	30.02	79.55	15.00
208 ASN 0	16.37	30.73	79.73	
209 LEU N	14.16	30.55	79.48	15.00
209 LEU CA	13.97	31.98	79.73	15.00
209 LEU CB	14.05	32.79	78.43	15.00
209 LEU CG	14.45	34.26	78.52	15.00
209 LEU CD1	15.95	34.30	78.78	15.00
209 LEU CD2	14.12	35.06	77.23	15.00
209 LEU C	12.71	32.35	80.51	15.00
209 LEU O	12.13	33.44	80.31	15.00
210 ALA N	12.37	31.55	81.52	15.00
210 ALA H	12.79	30.67	81.51	15.00
210 ALA CA	11.14	31.81	82.27	15.00
210 ALA CB	10.61	30.53	82.92	15.00
210 ALA C	11.43	32.81	83.41	15.00
210 ALA O	12.41	32.78	84.11	15.00
211 SER N	10.44	33.74	83.58	15.00
211 SER CA	10.44	34.68	84.69	15.00
211 SER CB	11.25	35.95	84.38	15.00
211 SER OG	10.66	36.74	83.37	15.00
211 SER C	8.97	35.02	85.03	15.00
211 SER O	8.07	34.77	84.22	15.00
212 PHE N	8.74	35.50	86.25	15.00
212 PHE CA	7.44	35.96	86.75	15.00
212 PHE CB	6.68	34.87	87.53	15.00
212 PHE CG		34.30		15.00
212 PHE CD1		33.31		15.00
212 PHE CD2	7.26	34.79	90.01	15.00
212 PHE CE1	9.08	32.83	89.64	15.00
212 PHE CE2	8.00	34.30	91.08	15.00
212 PHE CZ		33.33		15.00
212 PHE C		37.23	The second second	15.00
212 PHE 0	8.64	37.35		15.00
213 PRO N		38.23		15.00
213 PRO CD		38.27		
213 PRO CA		39.49		
213 PRO CB	6.03	40.48	87.41	15.00
	the great contract of			

	213 PRO CG	4.96	39.59	87.00	15.00
	213 PRO C	6.30	39.32	89.66	15.00
•	213 PRO O	5.25	38.68	89.88	15.00
	214 LYS N	6.99	39.82	90.67	15.00
	214 LYS CA	6.40	39.71	92.01	15.00
	214 LYS CB	7.46	39.54	93.11	15.00
٠.	214 LYS CG	8.31	38.28	92.90	
	214 LYS CD	8.81	37.72	94.19	15.00
	214 LYS CE	9.63	38.73	94.95	15.00
	214 LYS NZ	10.60	39.41	94.05	
	214 LYS C	5.57	40.96	92.27	15.00
:	214 LYS 0	5.99	42.07	91.94	15.00
	215 MET N	4.33	40.78	92.72	15.00
	215 MET CA	3.47	41.93	92.99	15.00
	215 MET CB	2.11	41.74	92.32	15.00
	215 MET CG	1.57	43.08	91.85	15.00
	215 MET SD	0.31	43.10	90.56	15.00
	215 MET CE	-1.09	43.67	91.53	15.00
	215 MET C	3.31	42.16	94.50	15.00
	215 MET OT1	3.48	41.21	95.29	15.00
	215 MET OT2	3.17	43.33	94.89	15.00
	216 НОН ОН2	8.87	46.84	97.48	15.00
	217 нон он2	-2.18	37.97	73.56	15.00
	218 нон он2	1.71	36.04	75.21	15.00
	219 нон он2	9.44	52.65	61.91	15.00
	220 нон он2	0.80	56.90	67.17	15.00
	221 нон он2	-2.51	36.41	82.35	15.00
	222 НОН ОН2	17.40	43.23	83.47	15.00
	223 нон он2	-1.57	52.44	64.46	15.00
:	224 нон он2	12.41	35.91	80.62	15.00
	225 нон он2	11.65	62.93	58.36	15.00
	226 нон он2	11.38	48.93	74.41	15.00
	227 НОН ОН2	5.00	12.95	78.69	15.00
	228 НОН ОН2	4.86	15.66	86.17	15.00
	229 НОН ОН2	-9.01	32.96	72.96	15.00
	230 нон он2	14.02	19.79	82.02	15.00
	231 HOR ORZ	18.09	36.59	88.86	15.00
	232 НОН ОН2	0.22	37.62	76.69	15.00
	233 нон он2	3.45	36.52	73.19	15.00
	234 нон он2	13.53	38.17	80.00	15.00
	235 нон он2				
	236 нон он2	-5.38	44.85	97.00	15.00
	237 НОН ОН2	-7.89	45.15	89.13	15.00
	•				

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238 нон он2	2.43	19.39	65.70	15.00
239 нон он2	7.43	21.65	71.07	
240 нон он2	2.41	16.41	85.78	15.00
241 нон он2	-0.33	36.99	59.82	15.00
242 нон он2	-7.54	26.54	72.89	
243 нон он2	-3.03	44.85	65.86	15.00
244 нон он2	0.80	35.69	86.28	15.00
245 нон он2	-9.57	36.85	95.54	
246 нон он2	-1.06	62.37	83.93	15.00
247 HOH OH2	7.72	62.09	69.81	15.00
248 нон он2	4.95	60.85	80.90	the state of the s
249 НОН ОН2	14.51	30.92	83.13	15.00
250 нон он2	-1.50	28.47	63.31	
251 нон он2	15.32	22.32	71.31	15.00
252 нон он2	-1.00	14.71	55.75	15.00
253 нон он2	6.77	18.87	84.05	15.00
254 НОН ОН2	-9.65	32.88	79.27	15.00
255 нон он2	-2.32	34.26	69.09	15.00
256 нон он2	-11.12	32.20	64.94	15.00
257 нон он2	-3.80	45.19	72.07	15.00
258 нон он2	-7.43	38.35	65.10	15.00
259 нон он2	1.41	46.77	63.08	15.00
260 нон он2	-3.18	37.41	80.05	15.00
261 нон он2	7.12	59.13	81.53	15.00
262 нон он2	9.18	59.65	79.58	15.00
263 нон он2	8.43	57.49	83.56	15.00
264 нон он2	22.06	33.25	80.24	15.00
265 нон он2	20.66	27.84	95.17	15.00
266 нон он2	17.09	49.08	84.72	15.00
267 нон он2	12.06	54.25	84.82	15.00
268 нон он2	9.93	50.78	92.92	15.00
269 нон он2	13.59	41.50	91.19	15.00
270 нон он2	11.18	49.64	64.47	15.00
271 нон он2	the second secon	55.71		15.00
272 нон он2	9.07	26.37	66.15	15.00
273 нон он2	24.27	24.31	64.11	15.00
274 НОН ОН2	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		79.19	
275 нон он2	20.62	28.49		
276 нон он2	13.58		72.83	
277 НОН ОН2	9.33	19.74		

## TABLE XI

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Ångstroms of the inhibitor 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone.

Atom 1	Atom 2	2 Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
2420H2	25C1	180D1	69.66	2420H2	25C1	18ND2	48.33
2420H2	25C1	1840	82.25	2420H2	25C1	18CG	62.66
2420H2	25C1	184C	92.20	180D1	25C1	184CA	78.01
180D1	25C1	18ND2	33.84	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<ul> <li>Elizabilità del Marie</li> </ul>	1840	82.68
180D1	25C1	184CD1	97.11	180D1	25C1	18CG	16.91
180D1	25C1	184C	73.04	180D1	25C1		60.56
184CB	25C1	184CA	23.31	184CB	25C1	18ND2	93.14
184CB	25C1	1840	42.27	184CB	25C1	184CG	22.32
184CB	25C1	184CD1	38.40	184CB	25C1	18CG	92.58
184CB	25C1	184C	36.61	184CB	25C1	184CD2	32.79
184CB	25C1	184NE1	49.18	184CA	25C1		72.65
184CA	25C1	1840	35.91	184CA	25C1	184CG	38.24
184CA	25C1	184CD1	44.79	184CA	25C1	18CG	69.61
184CA	25C1	184C	21.48	184CA	25C1	184CD2	52.43
184CA	25C1	184NE1	58.86	18ND2	25C1	1840	58.28
18ND2	25C1	18CG	18.49	18ND2	25C1	184C	56.82
18ND2	25C1	200	92.88	1840	25C1	184CG	64.55
1840	25C1	184CD1	78.02	1840	25C1	18CG	67.10
1840	25C1	184C	17.17	1840	25C1	184CD2	73.76
1840	25C1	184NE1	90.68	184CG	25C1	184CD1	19.59
184CG	25C1	184C	56.91	184CG	25C1	184CD2	15.07
184CG	25C1	184NE1	27.32	184CD1	25C1	18CG	99.42
184CD1	25C1	184C	66.13	184CD1	25C1	184CD2	27.32
184CD1	25C1	184NE1	14.36	184CD1	25C1	200	86.22
18CG	25C1	184C	59.85	18CG	25C1	200	77.46
184C	25C1	184CD2	69.30	184C	25C1	184NE1	80.01
184CD2	25C1	184NE1	26.78	184NE1	25C1	200	80.98
180D1	25C2	184CA	93.13	180D1	25C2	18CG	18.16
180D1	25C2	20N	42.62	180D1	25C2	18ND2	35.44
180D1	25C2	2420H2	68.83	180D1	25C2	200	79.33
180D1	25C2	1830	73.73	180D1	25C2	184C	80.63
180D1	25C2	19CG	85.64	180D1	25C2	20CA	45.72
180D1	25C2	19N	47.90	180D1	25C2	1840	85.52
180D1	25C2	20C	65.28	180D1	25C2	184N	90.71
180D1	25C2	19C	49.49	180D1	25C2	18CB	22.83

			rain i de de la companya de la comp La companya de la co	1	ABLE XI			
	180D1	25C2	183C	82.72	180D1	25C2	18CA	34.96
	180D1	25C2	18C	34.23	180D1	. 1754		54.26
	184CD1	25C2	184CA	49.90	184CD1	25C2	184CB	40.27
	184CD1	25C2	184CG	20.32	184CD1	25C2		55.01
	184CD1	25C2	184C	70.22	184CD1	25C2	19CG	61.53
	184CD1	25C2	19N	85.18	184CD1	25C2	1840	78.11
	184CD1	25C2	184NE1	15.62	184CD1	25C2		44.48
	184CD1	25C2	183C	47.20	184CD1			94.36
	184CD1	25C2	18C	95.90	184CD1		184CD2	23.77
	184CD1	25C2	19CA	87.00	184CA	25C2	18CG	78.59
	184CA	25C2	18ND2	76.16	184CA		184CB	23.25
	184CA	25C2	184CG	39.72	184CA	25C2		40.92
	184CA	25C2	184C	20.77	184CA	25C2	19CG	86.38
	184CA	25C2	19N	76.16	184CA	25C2	1840	33.25
	184CA	25C2	184NE1	65.31	184CA	25C2	184N	13.46
	184CA	25C2	18CB	70.34	184CA	25C2	Z 1000 000 000 000 000 000 000 000 000 0	28.93
	184CA	25C2	18CA	61.99	8 Z 10 00 00 80 80 10	25C2	18C	75.30
	184CA	25C2	184CD2	51.97	184CA	25C2	19CA	89.58
	18CG	25C2	20N	59.81	18CG	25C2	18ND2	20.07
	18CG	25C2	184CB	99.39	18CG	25C2	2420H2	62.04
	18CG	25C2	200	97.48	18CG	25C2	1830	69.32
	18CG	25C2	184C	63.66	18CG	25C2	19CG	95.51
	18CG	25C2	20CA	63.78	18CG	25C2	19N	54.69
	18CG	25C2	1840	67.41	18CG	25C2	20C	83.28
	18CG	25C2	184N	79.10	18CG	25C2	19C	65.07
	18CG	25C2	18CB	12.54	18CG	25C2	183C	75.08
	18CG	25C2	18CA	30.58	18CG	25C2	18C	39.48
	18CG	25C2	19CA	65.54	20N	25C2	18ND2	78.04
	20N	25C2	200	42.02	20N	25C2	1830	74.98
	20N	25C2	19CG	52.80	20N	25C2	20CA	19.88
	20N	25C2	19N	37.71	20N	25C2	20C	32.71
	20N	25C2	19C	11.44	20N	25C2	18CB	58.04
	20N	25C2	183C	87.83	20N	25C2	18CA	55.70
g nisab shabib Shehar shilik	20N	25C2	18C	39.13	20N	25C2	19CA	28.06
	18ND2	25C2	184CB	92.26	18ND2	25C2	2420H2	45.09
	18ND2	25C2	1830	80.83	18ND2	25C2	184C	57.03
	18ND2	25C2	20CA	77.75	18ND2	25C2	19N	73.94
	18ND2	25C2	1840	55.05	18ND2	25C2	20C	96.02
	18ND2	25C2	184N	81.33	18ND2	*	19C	84.52
	18ND2	25C2	18CB	29.48	18ND2	25C2	183C	82.74
	18ND2	1	18CA	46.57			18C	58.80
		25C2	19CA	and the first of the second	184CB	ra Marsi	184CG	22.40
	184CB	25C2	1830			25C2	184C	36.03
	184CB	25C2	19CG	94.64	184CB	25C2	19N	96.61
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				TABLE XI			
184CB	25C2	1840	38.77		25C2	184NE1	52.96
184CB	25C2	184N	31.46		25C2		92.63
184CB	25C2	183C	46.49	Company of the State of the Sta			85.24
184CB	25C2	18C	97.95		a ner Bertal Collin.	184CD2	
2420H2	25C2	184C	81.46	ALL COMMERCIAL CO		20CA	87.88
2420H2	25C2	1840	68.50			20C	95.83
2420H2	25C2	18CB	73.69		25C2		91.46
184CG	25C2	1830	61.89			184C	57.17
184CG	25C2	19CG	81.07	<ul> <li>A STATE OF THE STATE</li> </ul>	25C2		97.59
184CG	25C2	1840	61.14	184CG		184NE1	30.80
184CG	25C2	184N	40.66	and the second of the second	See the 1969 of	183C	50.54
184CG	25C2	18CA	97.12	184CG	25C2		
200	25C2	19CG	59.65	200	25C2	20CA	33.80
200	25C2	19N	73.93	200	25C2	184NE1	
200	25C2	20C	15.00	200	25C2	the second second second	44.20
200	25C2	18CB	98.94	200	25C2		97.51
200	25C2	18C	80.19	200	25C2		58.60
1830	25C2	184C	52.11	1830	25C2		50.15
1830	25C2	20CA	94.61	1830	25C2		37.44
1830	25C2	1840	68.46	1830	25C2		67.20
1830	25C2	184N	28.51	1830	25C2		66.39
1830	25C2	18CB	56.86	1830	25C2	183C	12.86
1830	25C2	18CA	39.61	1830	25C2	18C	42.74
1830	25C2	184CD2	73.55	1830	25C2	19CA	48.97
184C	25C2	19N	79.88	184C	25C2	1840	16.37
184C	25C2	184NE1	85.33	184C	25C2	184N	31.43
184C	25C2	18CB	58.56	184C	25C2	183C	43.26
184C	25C2	A CONTRACTOR OF THE SECOND	56.66	184C	25C2	18C	73.56
184C	25C2	184CD2	67.95	184C	25C2	19CA	95.56
19CG	25C2	20CA	68.54	19CG	25C2	19N	41.00
19CG		184NE1			25C2	20C	65.93
19CG		184N	72.99	19CG	25C2	19C	41.61
19CG			85.55	19CG	25C2	183C	58.81
19CG	25C2	18CA	69.73	1 7 7 7 7	25C2	18C	56.16
19CG	25C2	184CD2	84.49	19CG	25C2	19CA	31.40
20CA			57.18		25C2		19.60
20CA	25C2			20CA	25C2	18CB	66.65
20CA	25C2	18CA		20CA	25C2	18C	55.87
	25C2	19CA	47.75		25C2	1840	94.75
19N	25C2		91.69	the state was the first		20C	69.08
19N	25C2		65.26		25C2		30.47
19N	25C2		44.60			183C	50.23
19N	25C2	18CA	30.19		25C2	18C	15.21
19N	25C2	19CA	16.11	1840	25C2	184NE1	91.68

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			4	ADI E VI			
1840	25C2	184N	45.89	ABLE XI 1840	25C2	18CB	65.91
1840	25C2	183C	59.15	1840	25C2	18CA	68.65
1840	25C2	18C	86.43		25C2	184CD2	69.23
184NE1	25C2	184N	60.01	184NE1	er e i jarren .	183C	61.27
184NE1	25C2	184CD2	26.96	184NE1	25C2	19CA	89.32
20C	25C2	19C	38.71	20C	25C2		86.12
20C	25C2	18CA	87.75	20C	25C2	18C	71.80
20C	25C2	19CA	55.73	184N	25C2	19C	94.86
184N	25C2	18CB	68.81	184N	25C2	183C	15.92
184N	25C2	18CA	56.71	184N	25C2	18C	67.03
184N	25C2	184CD2	53.50	184N	25C2	19CA	77.48
19C	25C2	18CB	60.71	19C	25C2	183C	79.19
19C	25C2	18CA	54.22	19C	25C2	18C	36.38
19C	25C2	19CA	17.76	18CB	25C2	183C	63.21
18CB	25C2	18CA	18.13	18CB	25C2	18C	29.64
18CB	25C2	19CA	57.42	183C	25C2	18CA	47.76
183C	25C2	18C	54.26	183C	25C2	184CD2	62.80
183C	25C2	19CA	61.67	18CA	25C2	18C	17.97
18CA	25C2	19CA	45.40	18C	25C2	19CA	28.26
200	25C3	19CG	77.70	200	25C3	20N	48.86
200	25C3	180D1	82.41	200	25C3	20C	15.02
200	25C3	20CA	36.52	200	25C3	19CD	82.71
200	25C3	19C	49.69	200	25C3	19N	81.60
200	25C3	19CB	69.52	200	25C3	18CG	93.56
200	25C3	190E1	97.10	200	25C3	19CA	66.55
184CD1	25C3	19CG	70.95	184CD1	25C3	184NE1	20.32
184CD1	25C3	184CG	17.18	184CD1	25C3	19CD	63.15
184CD1	25C3	19N	84.37	184CD1	25C3	184CA	41.74
184CD1	25C3	1830	51.08	184CD1	25C3	19CB	82.21
184CD1	25C3	184CB	33.05	184CD1	25C3	18CG	99.94
184CD1	25C3	190E1	48.60	184CD1	25C3	19CA	92.55
184CD1		184CE2		19CG	300 Januar	3.1	60.87
19CG	25C3	180D1	86.79		25C3	in the contract of the contract of	80.83
19CG		184NE1	70.80	19CG	25C3		78.71
19CG	25C3	184CG	86.74	19CG	25C3		19.15
19CG	25C3	19C	46.56	for the first state of	25C3		42.15
19CG	25C3		83.50		25C3		50.42
19CG	25C3		14.34	* ***		184CB	93.55
19CG	25C3		90.03				29.89
19CG 20N	25C3	19CA				184CE2	83.95
20N 20N	25C3 25C3	180D1	40.95		25C3		38.02
20N	25C3	20CA 19C	21.15		25C3		78.19
20N	25C3	19C 184CA	14.72	20N	25C3	19N	36.90
~014	ربرب	TOACH	98.63	ZUN	25C3	T020	71.83

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	WO 97/1617	7			isk (buti.		PC	Γ/US96/17512	
		•		4, 4, 5, 5,					
	20N	25C3	19CB		TABLE XI	2542			
	20N	25C3		46.57 90.75		25C3		51.19	
	20N	25C3		86.06		25C3	19CA	30.28	
	180D1			45.89				67.75	
	180D1	25C3		45.18	A 15.7	25C3	115 115	52.30	
	180D1	25C3		62.55	1 No. 1 (36)		184CA	70.04	
	180D1	25C3		86.92	1.00	25C3	19CB	74.34	
	180D1	25C3		55.77		25C3		11.19	
	20C	25C3		22.11		25C3	2420H2	51.35	
	20C	25C3	19C	43.18	20C	25C3	19CD	90.19	
	20C	25C3	19CB	69.80	20C	25C3	19N	73.89	
	20C	25C3	19CA	61.77		25C3	18CG	78.83	
	184NE1	25C3	184CG	32.04	1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C3		89.06	
	184NE1	25C3	19N	96.67	184NE1	25C3	184CA	56.99	
	184NE1	25C3	1830	67.54	184NE1	25C3		61.92	
	184NE1	25C3	184CB	50.65	184NE1	25C3	19CB 190E1	84.48	
	184NE1	25C3	19CA	99.57		25C3	184CE2	42.30	
	20CA	25C3	19CD	93.68	20CA	25C3	19C	13.16	
	20CA	25C3		57.68	20CA	25C3	1830	32.85	
	20CA	25C3	19CB	64.99	20CA	25C3	18CG	91.89 57.06	
	20CA	25C3	19CA	50.80	20CA	25C3	2420H2	76.89	
	184CG	25C3	19CD	80.27	184CG	25C3	19N	91.72	
	184CG	25C3	184CA	34.06	184CG	25C3	1830	56.45	
	184CG	25C3	19CB	96.63	184CG	25C3	184CB	18.84	
	184CG	25C3	18CG	93.58	184CG	25C3	190E1	65.78	
	184CG	25C3	184CE2	28.26	184CG	25C3	2420H2	94.95	
	19CD	25C3	19C	63.50	19CD	25C3	19N	60.85	19.00
	19CD	25C3	184CA	88.20	19CD		1830	60.91	
	19CD	25C3	19CB	32.82	19CD	25C3	184CB	92.35	
	19CD	25C3	190E1	14.96	19CD	25C3	19CA	51.66	
	19CD	25C3	184CE2	69.81	19C		19N	31.91	
	19C	25C3	184CA	98.36	19C		1830	66.62	
	19C	25C3	19CB	32.43	19C	25C3	18CG	61.26	
	19C	25C3	190E1	76.35	19C '	25C3	19CA	18.84	
	19N	25C3	184CA	66.70	19N	25C3	1830	35.29	
		25C3	19CB	31.75		25C3	the second secon	85.03	
		25C3	18CG	47.94	19N	25C3	190E1	67.18	
	19N	25C3	19CA	17.97	19N	25C3	2420H2	95.18	
		25C3	1830	35.33		25C3	19CB	86.05	
	184CA	25C3	184CB	19.26	184CA	25C3	18CG	59.77	
	184CA	25C3	190E1		184CA	25C3	19CA	83.25	
	and the second second	25C3	184CE2	61.84	184CA	25C3	2420H2	75.15	
100		25C3	19CB	50.84		25C3	184CB	51.32	
	1830	25C3	18CG	57.48	1830	25C3	190E1	57.08	

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1830	25C3	19CA	49.31	1830	25.02	104000	
1830	25C3		96.01	7 Table 1	25C3 25C3		
19CB	25C3	-:	79.10		25C3		99.69
19CB	25C3	19CA	18.92	19CB	25C3		44.22
184CB			76.03		25C3	ept was DTT.	97.58
184CB	25C3	2.7	46.73		25C3	190E1	79.22
18CG	25C3	19CA	61.53	18CG	25C3		78.05
190E1			62.05			。 网络克勒斯 (新夏草)	47.27
200	25C4	20C	10.43	200	25C4	194CE2	55.29
200	25C4		35.25	* * * * * * * * * * * * * * * * * * * *	25C4	20CA	62.30
200	25C4	19CD	71.57	200	25C4	21NE2	26.32
200	25C4		61.89	184CD1	25C4	184NE1	50.82
184CD1		19CG	57.56		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	184CG	20.27
184CD1	25C4				25C4	20N	16.41 90.35
184CD1	25C4	19CD	54.84	184CD1		180D1	81.65
184CD1	25C4	184CD2	25.56	184NE1	25C4	19CG	61.65
184NE1	25C4	184CG	29.79	184NE1	25C4	184CE2	15.87
184NE1	25C4	19CD	51.78	2.5 mg - 4.5 mg - 7.5	25C4	184CD2	25.93
20C	25C4	19CG	66.50	20C	25C4	20N	31.03
20C	25C4	20CA	17.90	20C	25C4	19CD	78.21
20C	25C4	21NE2	44.60	20C	25C4	180D1	53.90
19CG	25C4	184CG	72.66	19CG	25C4	184CE2	77.52
19CG	25C4	20N	46.19	19CG	25C4	20CA	61.94
19CG	25C4	19CD	18.17	19CG	25C4	180D1	63.67
19CG	25C4	184CD2	82.38	184CG	25C4	184CE2	28.98
184CG	25C4	20N	98.65	184CG	25C4	19CD	71.23
184CG	25C4	180D1	82.35	184CG	25C4	184CD2	16.48
184CE2	25C4	19CD	67.12	184CE2	25C4	184CD2	16.42
20N	25C4	20CA	17.47	20N	25C4	19CD	63.14
20N	25C4	21NE2	68.18	20N	25C4	180D1	30.69
20CA	25C4	19CD	77.50	20CA	25C4	21NE2	50.79
20CA	25C4	180D1	36.03	19CD	25C4	180D1	81.70
19CD	25C4	184CD2	76.27	21NE2	25C4	180D1	71.09
180D1	25C4	184CD2	98.63	184CD1	25C5	200	89.99
184CD1	25C5	184NE1	17.97	184CD1	25C5	184CG	17.29
104CD1	25C5	184CE2	27.88	184CD1	25C5	2420H2	99.26
TOACDI	25C5	184CD2	27.37	200	25C5	184NE1	
200 194NP1	2505	2420H2	86.50	200	25C5	21NE2	47.88
184NF1	2505	184CG	28.79	184NE1	25C5	184CE2	16.62
184CG	2505	184CD2	27.40	184CG	25C5	184CE2	28.30
	2505	2420H2	16.04	184CG	25C5	184CD2	17.13
2420H2	2506	184CD2	10.84	2420H2	25C5		
2420112	2506	184CB	50.30	2420H2	25C6		83.88
- = - 0114	2300	180D1	51.77	2420H2	25C6	1840	63.15

			. 1	ABLE XI			
184CG	25C6	184CD1	17.92	184CG	25C6	184CB	19.89
184CG	25C6	184CD2	17.11	184CG	25C6	184NE1	27.45
184CG	25C6	184CA	31.62	184CG	25C6	180D1	84.34
184CG	25C6	1840	53.51	184CD1	25C6	184CB	33.90
184CD1	25C6	184CD2	27.70	184CD1	25C6	184NE1	16.02
184CD1	25C6	184CA	37.26	184CD1	25C6	180D1	76.75
184CD1	25C6	1840	64.28	184CB	25C6	184CD2	32.92
184CB	25C6	184NE1	46.79	184CB	25C6	184CA	18.16
184CB	25C6	180D1	76.20	184CB	25C6	1840	33.78
184CD2	25C6	184NE1	26.79	184CD2	25C6	184CA	47.98
184CD2	25C6	1840	65.87	184NE1	25C6	184CA	53.03
184NE1	25C6	180D1	88.79	184NE1	25C6	1840	79.21
184CA	25C6	180D1	58.04	184CA	25C6	1840	28.15
. 180D1	25C6	1840	61.50	200	25C7	20C	4.43
200	25C7	19CG	62.28	200	25C7	19CD	77.38
200	25C7	19NE2	74.82	200	25C7	190E1	90.67
184NE1	25C7	19CG	59.54	184NE1	25C7	19CD	53.46
184NE1	25C7	184CD1	17.49	184NE1	25C7	19NE2	66.80
184NE1	25C7	190E1	40.08	184NE1	25C7	184CE2	14.60
20C	25C7	19CG	65.46	20C	25C7	19CD	81.18
20C	25C7	19NE2	79.11	20C	25C7	190E1	94.22
19CG	25C7	19CD	19.72	19CG	25C7	184CD1	52.93
19CG	25C7	19NE2	30.67	19CG	25C7	190E1	29.47
19CG	25C7	184CE2	74.12	19CD	25C7	184CD1	53.97
19CD	25C7	19NE2	16.35	19CD	25C7	190E1	14.31
19CD	25C7	184CE2	67.37	184CD1	25C7	19NE2	69.74
184CD1	25C7	190E1	43.73	184CD1	25C7	184CE2	26.87
19NE2	25C7	190E1	26.90	19NE2	25C7	184CE2	79.58
190E1	25C7	184CE2	53.50	184NE1	2508	19CD	69.28
184NE1	2508	19NE2	88.26	184NE1	2508	190E1	52.70
184NE1	2508	19CG	72.15	184NE1	2508	184CD1	18.62
	2508			184NE1			30.82
	2508		21.45		2508	The state of the s	19.40
19CD	2508	19CG	23.73				83.60
	w 1.		65.36				84.12
19CD	4.7	220	53.07			184CZ2	93.15
19NE2			35.59	19NE2	200	19CG	38.13
19NE2	2508	200	82.17			The shift As in	86.56
19NE2			36.04		2508		37.46
190E1			53.61			184CE2	100
	2508	220	70.80			184CZ2	73.99
19CG	2508		63.71	19CG		184CD1	60.70
19CG	2508		87.89	1992 09931.146	2508		54.69
200	2508	220	57.31	184CD1	2508	184CE2	30.67

			7	ABLE XI			
184CD1	2508	184CZ2			2508	184CZ2	16.93
19NE2	25C9	184NE1	78.75	19NE2	25C9	19CD	19.52
19NE2	25C9	190E1	33.07	19NE2	25C9	184CE2	94.10
19NE2	25C9	19CG	30.70	19NE2	25C9	184CD1	73.44
19NE2	25C9	220	33.46	184NE1	25C9	19CD	59.66
184NE1	25C9	190E1	47.23	184NE1	25C9	184CE2	16.38
184NE1	25C9	184CZ2	33.08	184NE1	25C9	19CG	58.24
184NE1	25C9	184CD1	12.56	19CD	25C9		17.75
19CD	25C9	184CE2	75.46	19CD	25C9	184CZ2	89.07
19CD	25C9	19CG	17.50	19CD	25C9	184CD1	53.92
19CD	25C9	220	48.71	190E1	25C9	184CE2	61.55
190E1	25C9	184CZ2	73.08	190E1	25C9	19CG	30.61
190E1	25C9	184CD1	45.28	190E1	25C9	220	65.42
184CE2	25C9	184CZ2	17.56	184CE2	25C9	19CG	74.59
184CE2	25C9	184CD1	26.94	184CZ2	25C9	19CG	90.93
184CZ2	25C9	184CD1	44.43	19CG	25C9	184CD1	48.87
19CG	25C9	220	48.21	184CD1	25C9	220	97.02
19NE2	25010	23CA	53.09	19NE2	25010	19CD	16.71
19NE2	25010	220	36.83	19NE2	25010	23N	57.66
19NE2	25010	190E1	28.25	19NE2	25010	22C	50.13
23CA	25010	19CD	69.80	23CA	25010	220	36.05
23CA	25010	23N	17.68	23CA	25010	190E1	79.02
23CA	25010	22C	29.83	19CD	25010		49.55
19CD	25010	23N	73.42	19CD	25010	190E1	15.11
19CD	25010	22C	63.87	220	25010	23N	27.96
220	25010	190E1	63.96	220	25010	22C	14.56
23N	25010	190E1	85.79	23N	25010	22C	15.87
190E1	25010	22C	77.94	162ND1	25C11	184CZ2	63.39
162ND1		162CE1	16.78	162ND1	25C11	184NE1	61.01
162ND1		184CE2	62.72	162ND1	25C11	162CG	15.67
162ND1	25C11	184CH2	68.93	162ND1	25C11	162CB	30.11
184CZ2	25C11	162CE1	53.21	184CZ2	25C11	184NE1	33.69
184CZ2	25C11	184CE2	16.65	184CZ2	25C11	162CG	59 25
104022	23011	184CH2	12.22	184CZ2	25C11	162CB	70.77
102CE1	25C11	184NE1	44.59	162CE1	25C11	184CE2	48.65
162CE1	25C11	162CG	27.93	162CE1	25C11	184CH2	61.58
162CE1	25C11	162CB	44.93	184NE1	25C11	184CE2	17.24
184NE1	25C11	162CG	67.01	184NE1	25C11	184CH2	45.73
104NE1	25C11	162CB	83.92	184CE2	25C11	162CG	63.63
162CC	25C11	184CH2	28.52	184CE2	25C11	162CB	78.45
184023	25CII	184CH2	61.52	162CG	25C11	162CB	17.47
13900	25C11	162CB	69.67	1380G	25C15	138CB	12.25
13800	25015	138CA	28.90	1380G	25C15	1610D1	
ריסרם	23015	138CA	18.42	138CB	25C15	1610D1	45.39

		T	ABLE XI		
138CA	25C15 1610D1	48.24	162ND1	25C16 1610	83.50
162ND1	25C16 162CG	18.14	162ND1	25C16 162CE1	16.51
162ND1	25C16 162CB	37.71	162ND1	25C16 25SG	53.12
162ND1	25C16 162CA	45.79	162ND1	25C16 161C	76.59
162ND1	25C16 184CZ2	58.80	162ND1	25C16 25CB	44.47
162ND1	25C16 162N	61.56	162ND1	25C16 19OE1	54.44
1610	25C16 162CG	73.87	1610	25C16 162CE1	99.61
1610	25C16 162CB	55.47	1610	25C16 25SG	68.22
1610	25C16 162CA	38.54	1610	25C16 161C	12.03
1610	25C16 25CB	87.95	1610	25C16 162N	25.97
162CG	25C16 162CE1	32.06	162CG	25C16 162CB	21.17
162CG	25C16 25SG	64.52	162CG	25C16 162CA	35.58
162CG	25C16 161C	64.63	162CG	25C16 184CZ2	58.11
162CG	25C16 25CB	60.75	162CG	25C16 162N	48.98
162CG	25C16 19OE1	71.80	162CE1	25C16 162CB	53.00
162CE1	25C16 25SG	57.54	162CE1	25C16 162CA	62.27
162CE1	25C16 161C	93.08	162CE1	25C16 184CZ2	50.19
162CE1	25C16 25CB	42.26	162CE1	25C16 162N	78.06
162CE1	25C16 19OE1	40.00	162CB	25C16 25SG	70.05
162CB	25C16 162CA	20.87	162CB	25C16 161C	44.96
162CB	25C16 184CZ2	71.73	162CB	25C16 25CB	73.86
162CB	25C16 162N	29.56	162CB	25C16 19OE1	92.15
25SG	25C16 162CA	56.57	25 <b>S</b> G	25C16 161C	72.16
25SG	25C16 25CB	21.35	25SG	25C16 162N	67.66
25SG	25C16 19OE1	58.28	162CA	25C16 161C	30.81
162CA	25C16 184CZ2	91.78	162CA	25C16 25CB	67.26
162CA	25C16 162N	16.41	162CA	25C16 19OE1	95.96
161C	25C16 25CB	89.77	161C	25C16 162N	15.65
184CZ2	25C16 25CB	89.70	184CZ2	25C16 19OE1	64.53
25CB	25C16 162N	81.65	25CB	25C16 19OE1	37.30
162ND1	25017 162CB		162ND1	25017 162CG	26.33
	25017 162CA				
105MDT	25017 162CE1	12.84	162ND1	25017 25SG	56.41
162MD1	25017 162CD2	24.16	162ND1	25017 162C	54.50
1.02MD1	25017 162NE2	14.17	162ND1	25017 184CZ2	59.71
162CD	25017 163N	47.86	162ND1	25017 25CB	41.51
162CB	25017 1610	76.56	162CB	25017 162CG	28.45
162CP	25017 162CA	40.35	162CB	25017 161C	60.68
162CP	25017 162N	40.36	162CB	25017 162CE1	64.12
162CB	25017 25SG	36 33	162CB	25017 1610D1	58.91
162CP	25017 162CD2	50.25	162CB	25017 162C	31.62
162CB	25017 162NE2	J2.83	162CB	25017 184CZ2	81.36
162CB	25017 163N 25017 161CA	44.4U	162CB	2501/ 25CB	and the second second
10200	ZOUT / TOTCA	66.51	To2CB	25017 161CB	74.63

1610	25017 162CA	TABLE XI 52.04 1610	A CONTRACTOR OF THE CONTRACTOR	
1610	25017 162N	36.49 1610	25017 161C 25017 25SG	18.10
1610	25017 1610D1	60.19 1610		77.20
1610	25017 163N	63.78 1610	25017 162C	58.32
1610	25017 161CA	21.34 1610	25017 25CB	97.03
162CG	25017 162CA	48.03 162CG	25017 161CB	35.39
162CG	25017 162N	- 1. A 1. 1 (A 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		86.77
162CG	25017 25SG	66.31 162CG 73.55 162CG		35.94
162CG	25017 162CD2		25017 1610D1	84.63
162CG	25017 162NE2			43.30
162CG	25017 163N			61.90
162CG	25017 161CA		25017 25CB	64.34
162CA	25017 161CA 25017 162N	94.08 162CA	25017 161C	40.53
162CA	25017 162N 25017 25 <i>S</i> G	22.22 162CA	25017 162CE1	76.31
162CA	\$2 \$2.890.00 PER	66.07 162CA		63.93
162CA	25017 162CD2	57.57 162CA	25017 162C	11.05
162CA	25017 162NE2	70.12 162CA	25017 163N	26.62
162CA	25017 25CB	74.60 162CA	25017 161CA	50.08
161C	25017 161CB	64.72 161C	25017 162N	20.53
161C	25017 25SG	84.94 161C	25017 1610D1	45.99
161C	25017 162CD2	95.86 161C	25017 162C	49.50
161C	25017 163N	59.81 161C	25017 161CA	11.07
162N	25017 161CB	28.61 162N	25017 162CE1	97.92
162N	25017 25SG	81.29 162N	25017 1610D1	46.28
162N	25017 162CD2 25017 162NE2	75.34 162N	25017 162C	32.79
162N		90.12 162N	25017 163ท	46.59
162N	25017 25CB	94.05 162N	25017 161CA	28.47
162CE1	25017 161CB	42.50 162CE1		60.41
162CE1	25017 162CD2	30.63 162CE1	25017 162C	67.29
162CE1	25017 162NE2 25017 163N	14.05 162CE1	25017 184CZ2	50.87
25SG	化甲基苯基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	59.73 162CE1	25017 25CB	42.09
直接 医硫酸盐 医乳管炎	25017 162CD2	77.38 25SG	25017 162C	56.56
255G	25017 162NE2	70.26 25SG	25017 163N	40.80
161001	25017 25CB	20.52 25SG	25017 161CA	94.97
1610D1	25017 162CD2	88.85 1610D1	25017 162C	74.74
1610D1	25017 163N	90.55 1610D1	25017 161CA	38.88
162CD2	25017 161CB	28.90 162CD2	25017 162C	52.76
162CD2	25017 162NE2	17.33 162CD2	25017 184CZ2	52.52
162CD2	25017 163N	54.44 162CD2	25017 25CB	65.18
162C	25017 162NE2	62.89 162C	25017 163N	
162C	25017 25CB	05./U 162C	25017 161CA	59.72
1020	SOUTH TOTCE	75.18 162NF2	25017 184022	46.51
184072	25017 163N	59.43 162NE2	25017 25CB	53.98
164CZZ 163N	25017 25CB	88.90 163N		
. 0214	25017 161CA	70.75 163N	25017 161CB	87.59

		т.	ABLE XI		
161CA	25017 161CB	17.64	25 <i>S</i> G	25N18 162ND1	54.05
25SG	25N18 1610	72.12	25 <i>S</i> G	25N18 25CB	22.85
25SG	25N18 19NE2	68.04	25 <i>S</i> G	25N18 23CA	83.69
25SG	25N18 162CE1	55.83	25 <i>S</i> G	25N18 162CA	54.53
25SG	25N18 19OE1	61.94	25SG	25N18 162CG	59.80
25SG	25N18 162CB	64.56	162ND1	25N18 1610	73.75
162ND1	25N18 25CB	47.82	162ND1	25N18 19NE2	80.11
162ND1	25N18 162CE1	14.94	162ND1	25N18 162CA	39.62
162ND1	25N18 190E1	53.76	162ND1	25N18 162CG	12.62
162ND1	25N18 162CB	29.54	1610	25N18 25CB	91.76
1610	25N18 162CE1	88.51	1610	25N18 162CA	34.27
1610	25N18 162CG	63.44	1610	25N18 162CB	47.06
25CB	25N18 19NE2	48.54	25CB	25N18 23CA	78.61
25CB	25N18 162CE1	42.68	25CB	25N18 162CA	66.30
25CB	25N18 19OE1	39.11	25CB	25N18 162CG	58.13
25CB	25N18 162CB	69.62	19NE2	25N18 23CA	48.32
19NE2	25N18 162CE1	66.29	19NE2	25N18 19OE1	27.62
19NE2	25N18 162CG	92.70	23CA	25N18 19OE1	75.78
162CE1	25N18 162CA	54.27	162CE1	25N18 19OE1	39.27
162CE1		26.90	162CE1	25N18 162CB	44.19
162CA	25N18 19OE1	90.56	162CA	25N18 162CG	30.46
162CA	25N18 162CB	17.73	190E1	25N18 162CG	66.12
190E1	25N18 162CB	83.30	162CG	25N18 162CB	17.35
25SG	25C19 1610	94.77	25SG	25C19 162ND1	55.31
25SG	25C19 25CB	20.96	25SG	25C19 162CA	63.69
25SG	25C19 161C	89.52	25 <b>S</b> G	25C19 23CA	94.30
25SG	25C19 230	76.83	25 <b>S</b> G	25C19 23C	78.19
25SG	25C19 162N	77.13	25SG	25C19 25N	39.34
25SG	25C19 19NE2	66.56	25 <i>S</i> G	25C19 163N	35.68
25SG	25C19 162CE1	52.07	25SG	25C19 162CB	68.67
1610	25C19 162ND1	77.82	1610	25C19 162CA	38.27
	25C19 161C			25C19 162N	
1610	25C19 163N 25C19 162CB	39.92			
162ND1	25C19 162CB	47.78	162ND1	25C19 25CB	49.17
162ND1	25C19 162CA	44.20 57.30			
	25C19 102N 25C19 19NE2		·	25C19 25N	
	25C19 162CE1			25C19 163N	45.25
25CB	25C19 162CA	73 52	TOSMOT	25C19 162CB	30.12
25CB	25C19 102CA 25C19 23O	74 24	25CB	25C19 23CA	
25CB	25C19 230 25C19 162N	89 30	25CB	25C19 25W	70.22
25CB	25C19 19NE2	46.97	25CB		30.03
25CB	25C19 162CE1	41 12	25CB	25C19 162CB	50.32
	25C19 161C			25C19 162CB	72.32
			LUZCA	23CI3 102N	16.65

		i e 🏣	ADIES		
162CA	25C19 163N	29.20	ABLE XI 162CA	25C19 162CE1	E2 07
162CA	25C19 162CB	17.00	161C	25C19 162N	53.97 15.17
161C	25C19 163N	54.26	161C	25C19 162CE1	and the second of the second
161C	25C19 162CB	41.75	23CA	25C19 102CE1	84.02
23CA	25C19 23C	18.55		25C19 25N	29.88
23CA	25C19 19NE2	45.62	230		55.13
230	25C19 25N	44.51	230		14.86
23C	25C19 25N	40.60	23C		58.93
162N	25C19 163N	41.46	162N	25C19 19NE2 25C19 162CE1	45.52
162N	25C19 162CB	28.25	25N		69.54
25N	25C19 163N	74.96	25N		36.78
19NE2	25C19 163N	96.25	19NE2	25C19 162CE1	67.79
163N	25C19 162CE1	51.59	163N	25C19 162CE1	59.92
162CE1	25C19 162CB	42.53	1610	25C19 162CB	39.57
1610	25C20 161C	1.07	25SG	25C20 25SG	71.78
25SG	25C20 23O	69.40	25SG	25C20 23CA	80.86
25SG	25C20 161C	71.72	23CA	25C20 23C	68.41
23CA	25C20 23C	18.34	23CA	25C20 230	30.94
1610	25C21 161C	6.69	1610	25C20 23C	14.77
1610	25C22 161CA	34.90	1610	25C22 161C 25C22 161CB	13.34
161C	25C22 161CA	21.77	161C		44.27
161CA	25C22 161CB	20.42	184NE1	25C22 161CB 25N24 184CZ2	34.39
184NE1	25N24 184CE2	21.38	184NE1	25N24 184CZ2 25N24 190E1	42.68
184NE1	25N24 162ND1	68.83	184NE1	25N24 162CE1	49.07
184NE1	25N24 19CD	58.30	184NE1	25N24 102CE1 25N24 19NE2	51.55 75.34
184NE1	25N24 184CD1	9.07	184NE1	25N24 184CH2	51.38
184CZ2	25N24 184CE2	21.94	184CZ2		85.09
184CZ2	25N24 162ND1	64.71	184CZ2	THE RESERVE OF THE PARTY OF THE	57.67
184CZ2	25N24 19CD	98.31	184CZ2	7 1. Hert 14 1.000(1)	50.33
184CZ2	25N24 184CH2	9.57	184CE2	25N24 19OE1	68.35
184CE2	25N24 162ND1	68.77	184CE2	25N24 162CP1	55 22
184CE2	25N24 19CD	79.25	184CE2	25N24 19NE2	96 20
184CE2	25N24 184CD1	28.46	184CE2	25N24 184CH2	30.20
190E1	25N24 162ND1	58.04	190E1	25N24 162CF1	11 62
190E1	25N24 19CD	16.03	190E1	25N24 19NE2	29 68
190E1	25N24 184CD1	47.21	190E1	25N24 184CH2	94 65
162ND1	25N24 162CF1	18 14	162MD1	25M24 10CD	77 75
162ND1	25N24 19NE2	76.87	162ND1	25N24 19CD 25N24 184CD1	75.84
162ND1	25N24 184CH2	69.90	162CE1	25N24 19CD	60.33
162CE1	25N24 19NE2	69.25	162CE1	25N24 184CD1	58.03
162CE1	25N24 184CH2	65.20	19CD		
				25N24 184CD1	70.73
184CD1	25N24 184CH2	58.50	25SG	25C25 25CB	32.75
25SG	25C25 25N	68.12	25SG	25C25 25CA	46.11

VO 97/16177 PC 1/US96/17512

	TABLE XI								
25 <i>S</i> G	25C25 19NE2	91.26	25SG	25C25 162ND1	50.45				
25SG	25C25 1610	83.98	25SG	25C25 26N	50.26				
25 <i>S</i> G	25C25 25C	39.24	25SG	25C25 24C	75.91				
25 <i>S</i> G	25C25 163N	26.06	25 <i>S</i> G	25C25 19OE1	68.77				
25SG	25C25 162CA	52.77	25SG	25C25 162CE1	48.87				
25SG	25C25 24CA	93.64	25SG	25C25 19CD	79.92				
25CB	25C25 25N	43.75	25CB	25C25 25CA	22.80				
25CB	25C25 23C	96.85	25CB	25C25 19NE2	58.71				
25CB	25C25 162ND1	52.80	25CB	25C25 24N	79.85				
25CB	25C25 26N	49.57	25CB	25C25 25C	32.45				
25CB	25C25 24C	53.95	25CB	25C25 163N	56.86				
25CB	25C25 19OE1	39.72	25CB	25C25 162CA	76.70				
25CB	25C25 162CE1	41.55	25CB	25C25 24CA	71.02				
25CB	25C25 19CD	48.30	25N	25C25 230	61.20				
25N	25C25 25CA	22.53	25N	25C25 23C	54.87				
25N	25C25 23CA	71.33	25N	25C25 19NE2	46.58				
25N	25C25 162ND1	94.33	25N	25C25 24N	38.82				
25N	25C25 26N	37.62	25N	25C25 25C	32.96				
25N	25C25 24C	10.58	25N	25C25 163N	94.01				
25N	25C25 19OE1	53.89	25N	25C25 162CE1	80.69				
25N	25C25 24CA	27.34	25N	25C25 19CD	48.28				
230	25C25 25CA	82.78	230	25C25 23C	18.78				
230	25C25 23CA	35.84	230	25C25 19NE2	73.70				
230	25C25 24N	31.06	230	25C25 26N	72.39				
230	25C25 25C	83.36	230	25C25 24C	51.02				
230	25C25 19OE1	99.77	230	25C25 24CA	34.14				
230 25CA	25C25 19CD	86.19	25CA	25C25 23C	77.38				
25CA	25C25 23CA	92.63	25CA	25C25 19NE2	55.22				
25CA	25C25 162ND1 25C25 26N	75.50	25CA	25C25 24N	61.07				
25CA	25C25 26N 25C25 24C	33.30	25CA	25C25 25C	18.88				
	25C25 19OF1	31.91	25CA	25C25 163N 25C25 162CA	72.17				
25CA	25C25 162CE1	40.70 63.50	25CA	25C25 162CA	96.87				
		50.26	23CA	25C25 24CA 25C25 23CA	49.61				
23C	25C25 19NE2	55.76		25C25 23CA 25C25 24N					
23C			4 14 445		17.04				
				25C25 25C	83.98				
23C	25C25 24CA	28.93	23C	25C25 19CD					
23CA	25C25 19NE2	53.36			68.78 33.27				
		5			65.16				
	25C25 19OE1		23CA		48.92				
2					78.91				
					83.54				
19NE2				25C25 24C	50.86				
		-							

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	WO 97/161	77			in dêd		P	CT/US96/17512
	0	*						
	of a final point of the control of t							
	19NE2	25C2	5 190E1	27.88	ABLE XI 19NE2	25025	16265	
	19NE2	1.	- 1 95% to 2 % to 2	51.46	19NE2	25C25 25C25	初来,还是正是	
	162ND1			66.11	162ND1	14 15 x 53 1 33 1 37 1 1 1	90 da 1	
	162ND1			81.90	162ND1	25C25	7 ( A . S. J. J. Z.	97.49
	162ND1		3 PHONE (1985) AND THE REST. THE REST.	52.01	162ND1		88. STYF 1997	47.00
	162ND1	25C25	162CE1	14.60	162ND1	- No defendaviole (1982)	19CD	38.64 65.91
	1610		163N	58.15	1610	25C25	Syria - Jila ya ya Y	33.71
	1610	25C25	162CE1	80.71	24N	25C25	26N	67.35
	24N	25C25	25C	70.00	24N	25C25	The State of the S	31.89
	24N	25C25	190E1	68.76	24N	25C25	24CA	16.51
	24N	25C25	19CD	55.45	26N	25C25	25C	17.11
	26N	25C25	24C	37.71		25C25	13.0888288444	70.13
	26N	25C25	190E1	81.99	26N	人名伊朗拉特 电双线线	162CA	99.71
	26N	25C25	162CE1	89.75	26N	25C25	24CA	50.94
	26N	25C25	19CD	82.06	25C	25C25		38.11
	25C	25C25	163N	63.33	25C	25C25	190E1	
	25C	25C25	162CA	91.85	25C		162CE1	
	25C	25C25	24CA	55.12	25C	25C25	19CD	69.13
	24C	25C25	190E1	62.72	24C	25C25	162CE1	
	24C	25C25	24CA	17.90	24C	25C25	19CD	55.23
	163N	25C25	190E1	86.02	163N	25C25	162CA	29.58
	163N		162CE1	53.83	163N	25C25	19CD	99.46
	190E1		162CA	90.22	190E1	25C25	162CE1	1 0 1 1 4 4 4 6 1 4 4 4 4 4 4 4 4 4 4 4 4 4
	190E1	25C25	) - \$1900.0 + F119 + I	71.30	190E1	25C25	19CD	14.33
	162CA		162CE1	52.16	162CE1	25C25	19CD	52.25
* *		25C25		60.28	25SG	25026	25N	75.08
	25 <b>S</b> G	25026		37.30	25SG	25026	25CA	54.02
	25SG	25026	A 100 A 100 A	86.45	25SG	25026	19CD	97.95
			190E1	82.42	25SG	25026	25C	45.95
	25SG	25026	26N	51.16	25SG	25026	20.00	46.91
	25SG		162CE1	52.51	25N	25026	23C	71.27
			25CB	49.91	25N	25026	and the second second	95.71
	25N	25026	A Section 1	63.43	25N	25026	230	74.28
	25N	25026	7	51.65		2.63	25CA	24.00
		25026		13.92	25N		19CD	63.32
	25N	25026		66.78		25026		35.47
	25N	25026		92.49	25N	25026		75.23
	25N	25026	25C	29.57	25N	25026		34.00
	25N		162ND1	97.43	25N	25026		
	25N 23C		162CE1		23C	25026	23CA	29.24
	23C 23C	25026			23C	25026	230	22.63
our National Company	23C	25026		23.28	23C	25026	25CA	95.23
	23C	25026	24C 24CA	57.44	23C	25026	19CD	92.50
	230	23020	24CA	35.81	23C	25026	23N	31.40

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		T	ABLE XI		
23C	25026 220	45.44	23C	25026	25C 94.92
23C	25026 26N	85.14	23C		22C 36.80
25CB	25026 19NE2	75.38	25CB		25CA 26.07
25CB	25026 24C	63.79	25CB		19CD 62.61
25CB	25026 190E1	50.03	25CB		24CA 85.37
25CB	25026 25C	32.00	25CB	1) + 1 + 2 1 604 to 1004st 116	26N 48.03
25CB	25026 162ND1	48.42	25CB	25026 1	52CE1 40.75
23CA	25026 19NE2	74.13	23CA	25026	230 44.84
23CA	25026 24N	44.10	23CA	25026	4C 82.84
23CA	25026 19CD	89.48	23CA	25026	4CA 61.85
23CA	25026 23N	7.91	23CA	25026	20 37.03
23CA	25026 22C	22.99	19NE2	25026 2	30 99.02
19NE2	25026 24N	59.57	19NE2	25026 2	25CA 69.12
19NE2	25026 24C	64.61	19NE2	25026 ]	9CD 15.61
19NE2		33.20	19NE2	25026 2	4CA 66.27
19NE2	25026 23N	66.26	19NE2	- 1 CONTRACTOR - 1000	20 37.24
19NE2	25026 25C	85.04	19NE2	11.00 P. 12.00 P. 17.00 P. 17.	6N 96.39
19NE2	25026 162ND1	87.10	19NE2		2C 51.16
19NE2	25026 162CE1	72.58	230		4N 40.19
230	25026 25CA	95.80	230		4C 61.05
230	25026 24CA	42.72	230	The Art Control of the Control of th	3N 49.93
230	25026 220	68.06	230	to a little of the Market	5C 89.22
230	25026 26N	75.10	230	instante del professione di la co	2C 58.63
24N	25026 25CA	75.32	24N	4 729 83 11 63 8	4C 38.83
24N	25026 19CD	72.68	24N		90E1 88.39
24N	25026 24CA	19.05	24N		3N 41.71
24N	25026 220	37.44	24N		5C 79.23
24N 25CA	25026 26N	74.55	24N		2C 37.15
25CA	25026 24C 25026 190E1	37.79	25CA		9CD 62.07
25CA	25026 190E1 25026 220	57.50	25CA		4CA 59.43
25CA	그렇다는 전 전 경기가 되었다.	92.92	25CA		5C 16.48
25 To 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25026 162CE1	31.94	25CA 24C	25026 16	
	25026 190E1	75.73	24C		9CD 68.53
24C		80.40	24C	25026 2 25026 2	4CA 21.65
4 A A	25026 25C		24C	25026 2 25026 2	Martin and artist of the con-
	25026 22C	73.15	24C	25026 <b>2</b>	
	25026 190E1	17.61		25026 2	
		81.58		25026 2	The state of the s
		March 1997	19CD	25026 2	
	25026 162ND1	71.98	19CD	25026 2	
19CD	25026 162CE1	n Filovania - m		25026 2	
190E1	3.50	98.65		25026 2	
190E1		73.17	190E1		6N 89.43

190E1	25026	162ND1	TA 54.76	ABLE XI	25026		
190E1			39.72	190E1	25026		83.88
24CA			54.26	24CA	25026		60.38
24CA	25026	26N	55.50	24CA	1 42 12 12 12 12	25C	60.91
23N	25026	220		24CA	25026		56.01
23N 22O	25026 25026		29.27	23N	25026		15.20
25C	and the second	162ND1	14.07	25C	25026		16.90
26N	1.0	162ND1	78.47	25C		162CE1	72.68
162ND1		162ND1	91.53	26N		162CE1	88.05
25SG		25CB		25SG	25C27	25N	57.08
255G			21.02	25 <i>S</i> G	25C27	医硬性原因性 人名	58.38
25SG		25CA	39.38	25SG	25C27	24N	91.00
255G		24C	70.32	25SG	25C27	25C	43.75
25SG	25C27 25C27		68.95	25 <b>S</b> G	25C27	47 12 77 1	82.20
230	4.	24CA	87.49	25SG	25C27	26CG	96.26
230	25C27	23C	18.46	230	25C27	25N	62.85
230	25C27	65CA	58.88	230	25C27	25CB	97.75
230		26CD1	56.83	230	25C27	26N	82.95
230	25C27	23CA	34.44	230	25C27	25CA	81.88
230	25C27	24N	28.16	230	25C27	24C	51.85
230	25C27	25C	88.07	230	25C27	65N	46.70
230	25C27	26CB	86.79	230	25C27	66N	79.07
230 230		24CA	33.37	230	25C27	26CG	69.96
23C	25C27	65C	66.97	23C	25C27	25N	53.34
23C		65CA	76.45	23C	25C27	25CB	84.25
23C	25C27	26CD1	70.76	23C	25C27		83.38
23C	25C27	23CA	21.08	23C	25C27	25CA	72.15
23C	25C27 25C27	24N	15.52	23C	25C27	24C	46.42
23C		25C	83.42	23C	25C27	65N	62.90
23C	25C27 25C27	26CB	96.45	23C	25C27	6 <b>6N</b>	97.46
		24CA	29.98	23C	25C27	26CG	81.94
23C	25C27	65C	85.36	25N	25C27	25CB	
25N	25027		68.71	A CASTON AND LOCATION OF THE PARTY OF THE PA	A AMERICA		39.49
25N				25N	<ul> <li>And the property of the property</li></ul>	25CA	7 Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S. A. S. S. Sant	25C27					24C	14.42
1000			31.97	25N	25C27	26CB	
65C3	25C27	24CA	30.42	25N	25C27	26CG	67.30
65CA	25027	26CDI	53.12	65CA	25C27		82.66
65CA	25027		86.51		ta fall to the second of the		98.45
	25C27 25C27		15.90	44.4	25C27		77.82
			30.25		25C27	24CA	84.16
				65CA			14.85
				25CB			48.98
		23CA	88.62	25CB	25C27	25 <b>CA</b>	20.65
25CB	25C27	24N	70.19	25CB	25C27	24C	50.31

	TABLEXI									
25CB	25C27	25C	32.85	25CB	25C27	1610	88.13			
25CB	25C27	26CB	78.77	25CB	25C27	24CA	66.76			
25CB	25C27	26CG	88.03	26CD1	25C27	26N	49.41			
26CD1	25C27	23CA	90.70	26CD1	25C27	25CA	76.35			
26CD1	25C27	24N	67.23	26CD1	25C27	24C	55.82			
26CD1	25C27	25C	64.70	26CD1	25C27	65N	58.91			
26CD1	25C27	26CB	32.69	26CD1	25C27	66N	42.33			
26CD1	25C27	24CA	52.50	26CD1	25C27	26CG	14.60			
26CD1	25C27	65C	44.57	26N	25C27	25CA	33.28			
26N	25C27	24N	69.36	26N	25C27	24C	38.31			
26N	25C27	25C	16.13	26N	25C27	26CB	31.48			
26N	25C27	66N	83.54	26N	25C27	24CA	53.43			
26N	25C27	26CG	39.23	26N	25C27	65C	91.88			
23CA	25C27	25CA	82.90	23CA	25C27	24N	32.54			
23CA	25C27	24C	63.47	23CA	25C27	25C	98.17			
23CA	25C27	65N	67.00	23CA	25C27	24CA	49.60			
23CA	25C27	65C	95.04	25CA	25C27	24N	56.77			
25CA	25C27	24C	31.07	25CA	25C27	25C	19.16			
25CA	25C27	26CB	64.76	25CA	25C27	24CA	48.93			
25CA	25C27	26CG	70.17	24N	25C27	24C	31.48			
24N	25C27	25C	68.08	24N	25C27	65N	74.86			
24N	25C27	26CB	87.15	24N	25C27	24CA	17.56			
24N	25C27	26CG	75.54	24N	25C27	65C	92.54			
24C	25C27	25C	37.23	24C	25C27	65N	93.14			
24C	25C27	26CB	61.81	24C	25C27	66N	98.06			
24C	25C27	24CA	18.48	24C	25C27	26CG	56.79			
24C	25C27	65C	96.78	25C	25C27	26CB	46.70			
25C	25C27	66N	99.53	25C	25C27	24CA	55.28			
25C	25C27	26CG	55.30	65N	25C27	26CB	88.24			
65N	25C27	66N	45.67	65N	25C27	24CA	76.36			
65N	25C27	26CG	72.00	65N	25C27	65C	30.06			
26CB	25C27	A billion of the fact	53.44	Profile Madelling and P	25C27	24CA	69.63			
26CB	25C27	400 7180 80 1 0	18.09	26CB	25C27	65C	64.59			
		24CA	91.56	66N	25C27	26CG	45.61			
66N		65C	15.61	24CA	25C27	26CG	58.92			
24CA		65C	85.96	26CG	25C27	65C	52.65			
25SG	25028		76.60		25028	230	80.25			
25SG	25028		air Meile Buward	25SG	25028	26N	47.59			
25SG	25028	<ul> <li>A 116 (1777) 25</li> </ul>	75.36	.; · : / · W	25028		77.06			
25SG	25028		9.94	: N. 44 (M. H. H. H. 1997 (A) (1	25028		39.01			
65CA	25028	<ul> <li>Military to the control</li> </ul>	50.13	65CA	25028	66N	33.41			
65CA	. How William [1]	660	67.54	65CA	25028	26CD1	48.79			
65CA		65C	パイガダインもんがひ ニー	65CA	25028	26N	90.83			
UJCA	25028	∠ocb	76.12	1610	25028	161C	10.43			

TABLE XI									
1610	25028	25CB	85.93	1610	25028	163N	57.90		
230	25028	66N	73.33	230	25028		98.34		
230	25028	26CD1	46.36	230	25028	65C	62.14		
230	25028	26N	63.88	230	25028	26CB	73.66		
230	25028	25CB	70.99	66N	25028	660	34.18		
66N	25028	26CD1	42.77	66N	25028	65C	16.09		
66N	25028	26N	80.82	66N	25028	26CB	55.05		
660	25028	26CD1	53.93	660	25028	65C	50.27		
660	25028	26N	71.20	660	25028	26CB	41.80		
660	25028	163N	96.32	26CD1	25028	65C	44.16		
26CD1	25028	26N	42.70	26CD1	25028	26CB	31.40		
26CD1		25CB	78.43	65C	25028	26N	86.36		
65C	25028	26CB	65.21	26N	25028	26CB	29.67		
26N	25028	25CB	40.69	26N	25028	163N	65.13		
26CB	25028	25CB	69.78	26CB	25028	163N	79.13		
161C	25028	25CB	86.86	161C	25028	163N	52.19		
25CB	25028	163N	47.47	660	25C29	66N	48.91		
660	25C29	65CA	91.41	660	25C29	65C	68.29		
660	25C29	66C	13.27	660	25C29	26CD1	67.50		
660	25C29	66CA	34.11	660	25C29	26CB	50.71		
660	25C29	26CG	54.55	660	25C29	65N	99.08		
660	25C29	650	66.95	660	25C29	26N	80.09		
66N	25C29	65CA	42.87	66N	25C29	65C	19.38		
66N	25C29	66C	36.24	66N	25C29	26CD1	51.44		
66N	25C29	66CA	15.57	66N	25C29	26CB	68.44		
66N	25C29	26CG	54.31	66N	25C29	230	78.55		
66N	25C29	65N	50.66	66N	25C29	650	18.11		
66N	25C29	26N	91.42	65CA	25C29	65C	23.73		
65CA	25C29	66C	79.07	65CA	25C29	26CD1	55.65		
65CA	25C29	66CA	58.35	65CA	25C29	26CB	89.86		
65CA	25C29	26CG	70.46	65CA	25C29	230	47.25		
65CA	25C29		7.81	65CA	25C29	650	25.70		
65CA	25C29	26N	94.75	65C	25C29	66C	55.59		
65C		26CD1	52.52	65C	25C29	66CA	34.70		
65C	25C29	26CB	79.47	65C	25C29	26CG	61.82		
65C	25C29		65.09	65C	25C29	6 <b>5N</b>	31.53		
65C	· · · · · · · · · · · · · · · · · · ·	650	2.78	65C	25C29	26N	95.49		
66C		26CD1		66C	25C29	66CA	21.04		
N	1 1 2 0 W/	26CB		66C	25C29	26CG	54.75		
66C		65N	86.84	66C	25C29	650	54.09		
66C	25C29	26N	86.08	1.15 (1.75 )		66CA	57.66		
	25C29	26CB	35.62				81.23		
26CD1	25C29	26CG	17.23	26CD1	25C29	230	45.73		
26CD1	25C29	65N	58.39	26CD1	25C29	650	54.62		

	TABLEXI									
26CD1	25C29	26N	42.97	66CA	25C29	26CB	64.36			
66CA	25C29	26CG	54.97	66CA	25C29	230	92.04			
66CA	25C29	65N	66.15	66CA	25C29	650	33.08			
66CA	25C29	26N	91.66	26CB	25C29	25SG	73.09			
26CB	25C29	26CG	19.41	26CB	25C29	230	74.83			
26CB	25C29	65N	93.60	26CB	25C29	650	80.55			
26CB	25C29	26N	29.84	25 <i>S</i> G	25C29	26CG	81.03			
25SG	25C29	230	65.42	25 <i>S</i> G	25C29	1610	57.72			
25SG	25C29	26N	44.40	26CG	25C29	230	61.35			
26CG	25C29	65N	74.27	26CG	25C29	650	63.28			
26CG	25C29	26N	37.32	230	25C29	65N	42.49			
230	25C29	650	67.82	230	25C29	26N	59.60			
65N	25C29	650	33.46	65N	25C29	26N	94.60			
650	25C29	26N	97.54	660	25C30	66N	43.16			
660	25C30	66C	13.69	660	25C30	65CA	74.47			
660	25C30	66CA	31.15	660	25C30	65C	58.33			
66N	25C30	66C	35.28	66N	25C30	65CA	33.44			
66N	25C30	66CA	17.60	66N	25C30	65C	15.22			
66C	25C30	65CA	68.55	66C	25C30	66CA	19.80			
66C	25C30	65C	50.23	65CA	25C30	66CA	50.69			
65CA	25C30	65C	19.75	66CA	25C30	65C	31.38			
660	25C31	66C	9.16	660	25C31	66N	30.51			
660	25C31	163CB	81.88	1610	25C31	161C	15.04			
1610	25C31	163CB	81.82	1610	25C31	1600	59.31			
66C	25C31	66N	28.88	66C	25C31	163CB	90.84			
161C	25C31	163CB	80.88	161C	25C31	1600	48.22			
66N	25C31	163CB	97.56							

## TABLE XII

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one

Atom 1	Atom	2 Atom 3	Angle	Atom 1	<b>.</b>	2 Atom 3	
				ACOM 1	ALOM	2 ALOM 3	Angle
184CB	25C1	184CG	21.22	184CB	25C1	180D1	72.94
184CB	25C1	184CD1	35.50		25C1		19.59
184CB	25C1	184CD2	33.67	184CB	25C1	1840	34.28
184CB	25C1	184C	30.67	184CG	25C1	180D1	81.92
184CG	25C1	184CD1	18.31	184CG	25C1	1.07	34.17
184CG	25C1	184CD2	16.99	184CG	25C1	######################################	55.47
184CG	25C1	184C	50.07	180D1		184CD1	74.79
180D1	25C1	184CA	53.36		25C1	184CD2	98.79
180D1	25C1	1840	61.42	180D1	25C1	184C	50.27
184CD1	25C1	184CA	39.83	184CD1	25C1	184CD2	28.30
184CD1	25C1	1840	67.35	184CD1	25C1	184C	57.99
184CA	25C1	184CD2	50.19	184CA	25C1	1840	29.82
184CA	25C1	184C	18.22	184CD2	25C1	1840	66.46
184CD2	25C1		64.29	1840	25C1	184C	14.58
180D1	25C2	184CD1	93.56	180D1	25C2	184CB	85.20
180D1	25C2	184CA	63.93	180D1	25C2	184CG	97.27
180D1	25C2	18CG	7.95	180D1	25C2	200	82.27
180D1	25C2	20N	45.49	180D1	25C2	184C	56.77
180D1	25C2	18ND2	22.89	180D1	25C2	20CA	55.50
180D1	25C2	1840	66.85	180D1	25C2	20C	72.94
180D1	25C2	19CG	66.66	184CD1	25C2	184CB	36.96
184CD1	25C2	184CA	43.35	184CD1	25C2	184CG	19.17
184CD1	25C2	200	93.58	184CD1	25C2	20N	91.27
184CD1	25C2	184C	62.15	184CD1	25C2	184NE1	14.42
184CD1	25C2	1840	68.85	184CD1	25C2	19CG	47.81
184CB	25C2	184CA	21.51	184CB	25C2	184CG	20.93
184CB	25C2	18CG	90.69	184CB	25C2	184C	32.58
184CB	25C2	184NE1	48.17	184CB	25C2	1840	33.58
184CB	25C2	19CG	75.81	184CA	25C2	184CG	35.93
184CA	25C2	18CG	69.84	184CA	25C2		91.24
184CA 184CA	25C2	184C	19.09		25C2	7	85.37
184CA	25C2	184NE1		184CA	25C2	1840	29.61
184CG	25C2 25C2	19CG			25C2		51.91
184CG	25C2 25C2	184NE1	27.66		and the second of		54.51
18CG	25C2	19CG	65.63 47.67	18CG	25C2	200	83.37
-00	2302	20N	±1.01	18CG	25C2	184C	60.57

			7	ABLE XII			
18CG	25C2	18ND2	15.73	18CG	25C2	20CA	54.96
18CG	25C2		69.03		31, 1211 (21		72.82
18CG	25C2		73.59	14 894 946	25C2		37.03
200	25C2		77.52	200	25C2		29.71
200	25C2	184NE1		5 6 1 1 1	25C2		13.14
200	25C2	19CG	52.69	20N	25C2	184C	94.70
20N	25C2		46.43		25C2		17.58
20N	25C2	184NE1	94.15	1 12 1 1 2 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C2		29.99
20N	25C2	19CG	44.09	<ul> <li>3534 35 40 0</li> </ul>	25C2	La Padale Mara in dia	74.66
184C	25C2		76.04		25C2		14.64
184C	25C2	19CG	80.33		25C2	20CA	47.82
18ND2	25C2	1840	81.12	18ND2	25C2		65.32
18ND2	25C2	19CG	81.86	20CA	25C2	. "点,这样说话,我不敢的话:	17.90
20CA	25C2	19CG	58.30	医鼻头性腹头 医红色蛋白	7 4 1 3 4 4 1	1840	81.39
184NE1	25C2	20C	98.78	184NE1			50.29
1840	25C2	19CG	94.21	20C	25C2	19CG	58.17
200	25C3	180D1	94.92	200	25C3	20C	14.93
200	25C3	20N	45.22	200	25C3	20CA	34.91
200	25C3	19CG	67.31	200	25C3	18CG	90.10
200	25C3	19C	44.11	200	25C3	19CD	68.85
180D1	25C3	20C	83.09	180D1		<ul> <li>************************************</li></ul>	50.73
180D1	25C3	184CD1	86.70	180D1		20CA	61.59
180D1	25C3	19CG	73.40	100	25C3	184CG	83.83
180D1	25C3	18CG	7.01	180D1	25C3	184CB	69.00
180D1	25C3	184CA	52.51	180D1	25C3	19C	56.82
180D1	25C3	19CD	89.80	20C	25C3	20N	36.79
20C	25C3	20CA	21.55	20C	25C3	19CG	72.42
20C	25C3	18CG	77.56	20C	25C3	19C	39.99
20C	25C3	19CD	77.92	20N	25C3	20CA	20.57
20N	25C3	19CG	52.06	20N	25C3	18CG	47.19
20N	25C3	184CA	88.94	20N	25C3	19C	12.18
20N		19CD	65.92	184CD1	25C3	19CG	54.41
184CD1		184CG	17.14	184CD1	25C3	184NE1	17.22
	25C3	18CG				184CB	
	25C3	184CA	38.24	184CD1	25C3	19C	92.25
184CD1	too in t		49.63	20CA	25C3	19CG	69.55
		18CG	56.01	20CA	25C3	19C	29.66
	25C3	19CD	80.70		25C3		69.80
19CG		184NE1	•	19CG			76.04
19CG	25C3	184CB		19CG			66.22
	25C3	19C		19CG			16.92
184CG		184NE1		184CG	25C3	18CG	90.83
		184CB					31.35
84CG	25C3	19CD	66.65	184NE1	25C3	184CB	46.68
7	-						

in Kanada da							
184NE1	25C3	184CA	55.31	ABLE XII 184NE1	25C3	100	07 40
184NE1	25C3		46.53		25C3	19C 184CB	97.43
18CG	25C3		59.51		25C3	19C	75.84
18CG	25C3		92.81		25C3	184CA	54.70
184CB	25C3		77.96		25C3	19C	18.20
184CA	25C3	19CD	72.78	G 7 121 W	25C3	i Wistilian Vill	86.12
200	25C4		9.86		25C4	19CD	53.79
200	25C4	180D1	69.35	the first of the second	25C4	19CG	57.67
184CD1	25C4	100	18.35	184CD1		20N 184CG	32.43
184CD1	25C4	19CG	48.28	184CD1	the state of the s	184CE2	15.96
184CD1	25C4	180D1	68.05	1 0 1 A A A A	Y PANASY IN BUSHAN	20N	26.62
184NE1	25C4	184CG	27.99		<ul> <li>1000 0 -3866 0 0 0 -</li> </ul>	20N 19CG	82.80
184NE1	25C4		15.20	184NE1	25C4	180D1	53.65
184NE1	25C4	20N	94.26	20C	25C4	19CG	85.79 62.70
20C	25C4		63.89	20C	25C4	20N	62.70 29.77
184CG	25C4	19CG	62.53	184CG	25C4	184CE2	27.11
184CG	25C4	180D1	67.71	(M -0) (M -0 0)	25C4	20N	91.33
19CG	25C4	184CE2	68.70	19CG	25C4	180D1	57.18
19CG	25C4	20N	42.85	184CE2		180D1	93.39
180D1	25C4	20N	37.93	184CD1	25C5	184NE1	17.38
184CD1	25C5	200	82.23	184CD1	25C5	184CG	16.75
184CD1	25C5	184CE2	27.59	184CD1	25C5	184CD2	27.17
184NE1	25C5	200	86.19	184NE1	25C5	184CG	27.91
184NE1	25C5	184CE2	16.68	184NE1	25C5	184CD2	27.27
200	25C5	184CG	96.36	184CG	25C5	184CE2	27.86
184CG	25C5	184CD2	16.99	184CE2	25C5	184CD2	16.85
184CG	25C6	184CD1	17.30	184CG	25C6	184CD2	18.02
184CG	25C6	184CB	18.64	184CG	25C6	184NE1	27.34
184CG	25C6	184CE2	27.75	184CD1	25C6	184CD2	28.13
184CD1	25C6	184CB	32.10	184CD1	25C6	184NE1	16.25
184CD1	25C6	184CE2	26.86		25C6	184CB	32.59
184CD2	25C6	184NE1	27.14	184CD2	25C6	184CE2	16.75
		184NE1			25C6	184CE2	45.85
184NE1		184CE2			25C7	20C	5.96
200	25C7		34.09	200	25C7	19CD	73.49
	25C7		60.92		25C7	210E1	66.16
200	25C7		17.58	200	25C7	190E1	87.57
200	25C7	19NE2	69.26	20C	25C7	21CA	31.76
∠UC		19CD					66.28
20C		210E1	60.89	20C	25C7		14.18
20C	25C7		93.30		25C7	19NE2	
184NE1	25C7	19CD					52.85
and the second second	25C7	184CD1			25C7		
184NE1	25C7	19NE2	59.90	21CA	25C7	19CD	96.04

				ABLE XII			
21CA	25C7	19CG	89.60		25C7	210E1	41.39
21CA	25C7		17.76	48 - WAR WORKS ?	25C7	and the street of the street o	85.25
19CD	25C7	Maria de la compansión de	18.31	19CD	25C7		88.09
19CD	25C7		0.7373,000,000,000	69 f - 1995 1996 1996 189	ing a single of the single of	* 1997 (S. 1948), 140,28 (S. 1977)	14.53
19CD	25C7		15.43		110000000000000000		77.54
19CG	25C7		46.14	1	25C7	DURY CUPATE A HAL	28.58
19CG	25C7	Control No. 1 A Control			15 C + 15 27 55 2 POS		49.85
21N	25C7	ting in a fire the	80.92	184CD1			37.45
184CD1	25C7	19NE2		[2] M. P. G. M.	25C7		26.24
200	2508	a line of the level of	90.86	200	2508	8,-0100033333334123010343	87.53
200	2508		名:20倍2年(APV 30倍)。	villation of the second	2508	A - A40000 (1000 (2000)	2.00
200	2508	220	62.72	200	2508		63.81
19CD	2508	190E1		Marie Roman Live	2508	A Array & March &	21.15
19CD	2508	19CG	23.15	19CD	2508		60.87
19CD	2508	184CD1		19CD	2508		89.41
19CD	2508	220	57.75	at a second of the second	2508		73.67
19CD	2508		27.32		2508	** F 1 (\$0.30 D) D0 B 64 A	35.82
190E1	2508	19CG	37.30	*** Y Y	1.5	F 25 12 68 60 68 A MUSEO 25 A F	43.39
190E1	2508	184CD1	43	10 to	2508	<ul> <li>Control and Street Control (Co.)</li> </ul>	74.89
190E1	2508	184CE2	55.38		2508	M 438, 438, 44 4, 44 4, 44 4, 4	45.39
19NE2	2508	19CG	37.34	A 1.1.39 A. 95	13.44	3 0 : 5080 : 8888 (08854) (0.048 :	79.21
19NE2	2508	184CD1	78.91	A CONTRACTOR OF THE PROPERTY O	2508		85.68
19NE2	2508	220	39.13	19NE2	<ul> <li>Automobile State of the</li> </ul>	184CE2	91.05
19NE2	2508	19CB	33.61	<ul> <li>4 (1) (1) (2) (2) (2) (3)</li> </ul>	2508	184NE1	65.75
19CG	2508	184CD1	54.97	19CG	2508	Y MAGRICAN Y ARREST IV.	71.02
19CG	2508	220	61.28	19CG	2508	184CE2	78.82
19CG	2508	19CB	12.33	184NE1	2508	184CD1	18.60
184NE1	2508	184CE2	13.25	184NE1	2508	19CB	77.87
184CD1	2508	184CE2	27.58	184CD1	2508	19CB	67.24
20C	2508	220	60.75	20C	2508	19CB	62.46
220	2508	19CB	49.98	184CE2	2508	19CB	91.01
190E1	25C9	19NE2	33.38	190E1	25C9	19CD	18.07
190E1	25C9	184NE1	40.26	190E1	25C9	200	84.29
190E1	25C9	19CG	30.18	190E1		220	
190E1	25C9	184CE2	53.38	190E1	25C9	184CD1	39.42
19NE2	25C9	19CD	19.36	19NE2	25C9	184NE1	73.02
19NE2	25C9	200	69.77	19NE2	25C9	19CG	30.40
19NE2	25C9	220	36.73	19NE2	25C9	184CE2	86.66
19NE2	25C9	184CD1	68.70	19CD	25C9	184NE1	54.70
19CD	25C9	200	69.22	19CD	25C9	19CG	17.06
19CD	25C9	220	53.02	19CD	25C9	184CE2	68.86
TACD	25C9	184CD1	49.36	184NE1	25C9	200	95.14
184NE1	25C9	19CG	55.54	184NE1		184CE2	
184NE1	25C9	184CD1	14.36	200	25C9	19CG	54.13

WO 97/	16177					PCT/US96/1751
				ABLE XII		
200			54.06	200	25C9 184CD	1 80.80
190	No. 2011 1		53.71	19CG	25C9 184CE	
190		1.00	45.63	Profesional Company of the Company o	25C9 184CD	
1840	1244 JONES TO 1078 MINES			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25010 200	62.12
19N	$M(\mathbb{N}^n \times \mathbb{N}^n) \times M(\mathbb{N}^n)$	12 Tay 1938 & N. St.		19NE2	25010 19CD	15.61
19N			Colored Anna Carlo	<ul> <li>.000009-74 14 46</li> </ul>	25010 220	52.61
200	25 A 10 A 1	) 19CD	59.60	200	25010 190E	70.63
220		TO 2004684 44 J. (2007)	48.47	220	25010 190E	1 61.86
19C		erran de Hollen III. Isla	高级 医有利性蛋白性毒素		25C11 184CZ	66.42
162N	wag ng gag sa sa mga langgin.	184NE1			25C11 162CE	1 17.78
162N	- 1211 P. L. L. (1962), 1971	9941 + Se		162ND1	25C11 184CE	67.52
162N	naka Marana Wala ka	. 162CG	14.11	162ND1	25C11 19NE	2 72.38
162N	경기 시간에 참가 싫어요?	. 12. <i>dec 40</i> - 1. ve 10	68.15	184CZ2	25C11 184NE	34.50
184C		162CE1		- N. J. 181 1974, Ph. 2 1		69.19
184C		184CE2	17.54	44 C002000 ACC	25C11 162CG	60.04
184C				184CZ2	25C11 19CD	80.47
184N		162CE1	er i um i ava i ersta Till	184NE1	25C11 190E1	37.54
184N	11.5	184CE2	17.27	184NE1	25C11 162CG	68.99
184N			62.26	184NE1	25C11 19CD	46.90
162C	a de sido e español 🗆 🗔	177	42.46	162CE1	25C11 184CE2	53.20
162C			26.53	162CE1	25C11 19NE2	
162C			54.33	· 1. 多数数 1. 多数多数数 17 (1.)	vijary praktikuliju bili ili	
190		to the first of the first		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C11 19NE2	26.94
190	1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 &	19CD	13.30	184CE2	25C11 162CG	65.59
184CI		19NE2	79.38	184CE2	25C11 19CD	
162C	3 25C11	19NE2	86.02	162CG	25C11 19CD	80.39
19Ni	22 25C11	19CD	15.36	184CZ2	25C15 184CH2	
1040	22 25C15	1430E1	72.66	184CZ2	25C15 1370	75.04
14301	12 25C15	1430E1	58.91	184CH2	25C15 1370	61.89
14301	25015	1370	63.98	162ND1	25C16 162CE1	19.73
162NI	77 72C19	162CG	16.60	162ND1	25C16 25SG	47.39
162NI	71 25C16	1610	72.64	162ND1	25C16 19OE1	62.63
162NI	71 25016	162CB	33.51	162ND1	25C16 162CA	39.24
162NI	71 25C16	162NE2	20.67	162ND1	25C16 19NE2	81.12
162NL	71 25016	184022	64.44	162ND1	25C16 25CB	44.50
1620E	72 25016	16300	64.44	162ND1	25C16 162CD2	17.81
16205	1 25016	1610	34.31	162CE1	25C16 25SG	53.22
16205	1 25016	163CD	91.93	162CE1	25C16 19OE1	44.18
TUZCE	1 52CT0	TOZCB	51.51	162CE1	25C16 162CA	58.97
16205	1 25016	104023	11.09	162CE1	25C16 19NE2	66.33
16205	1 25016	104CZZ	33.0/ AE 11	162CE1	25C16 25CB	41.27
16200	25016	JECC TOANET	40.11	162CE1	25C16 162CD2	24.34
162CG	25016	190F1	76 40	16200	25C16 1610 25C16 162CB	66.72
	22010			10200	SOCTO TOSCB	19.50

		T	ABLE XII		
162CG	25C16 162CA	32.20	162CG	25C16 162NE2	27.13
162CG	25C16 19NE2	97.24	162CG	25C16 184CZ2	60.98
162CG	25C16 25CB	60.57	162CG	25C16 184NE1	70.16
162CG	25C16 162CD2	12.90	25SG	25C16 1610	62.69
25 <i>S</i> G	25C16 19OE1	65.19	25 <i>S</i> G	25C16 162CB	65.02
25SG	25C16 162CA	52.80	25SG	25C16 162NE2	62.49
25SG	25C16 19NE2	61.43	25SG	25C16 25CB	20.75
25SG	25C16 184NE1	91.34	25SG	25C16 162CD2	65.19
1610	25C16 162CB	50.15	1610	25C16 162CA	34.64
1610	25C16 162NE2	92.16	1610	25C16 25CB	82.66
1610	25C16 162CD2	79.61	190E1	25C16 162CB	95.63
190E1	25C16 162CA	99.99	190E1	25C16 162NE2	51.09
190E1	25C16 19NE2	27.38	190E1	25C16 184CZ2	62.46
190E1	25C16 25CB	44.47	190E1	25C16 184NE1	33.86
190E1	25C16 162CD2	67.06	162CB	25C16 162CA	18.75
162CB	25C16 162NE2	46.53	162CB	25C16 184CZ2	73.28
162CB	25C16 25CB	72.45	162CB	25C16 184NE1	88.17
162CB	25C16 162CD2	31.28	162CA	25C16 162NE2	57.73
162CA	25C16 184CZ2	91.31	162CA	25C16 25CB	65.83
162CA	25C16 162CD2	45.08	162NE2	25C16 19NE2	75.48
162NE2	25C16 184CZ2	45.32	162NE2	25C16 25CB	52.16
162NE2	25C16 184NE1	44.44	162NE2	25C16 162CD2	16.02
19NE2	25C16 184CZ2	88.09	19NE2	25C16 25CB	44.94
19NE2	25C16 184NE1	58.55	19NE2	25C16 162CD2	90.64
184CZ2	25C16 25CB	91.81	184CZ2	25C16 184NE1	29.55
184CZ2	25C16 162CD2	49.38	25CB	25C16 184NE1	71.82
25CB	25C16 162CD2	60.66	184NE1	25C16 162CD2	57.37
162ND1	25017 162CG	25.38	162ND1	25017 162CB	48.94
162ND1	25017 162CE1	18.45	162ND1	25017 1610	93.58
162ND1	25017 162CA	54.76	162ND1	25017 25SG	48.39
162ND1	25017 161C	89.31	162ND1	25017 162CD2	25.71
162ND1	25017 162N	73.99	162ND1	25017 162NE2	21.11
162ND1	25017 184CZ2	69.27	162ND1	25017 137CB	75.37
162CG	25017 162CB	26.64	162CG	25017 162CE1	38.41
162CG	25017 1610	86.53	162CG		42.50
•	25017 25SG	67.49	162CG	25017 161C	76.51
162CG	25017 162CD2	13.63	162CG	25017 162N	58.79
162CG	25017 162NE2	29.02	162CG	25017 1610D1	79.16
162CG	25017 184CZ2	67.73	162CG		51.32
162CB	25017 162CE1			25017 1610	65.36
	25017 162CA			25017 25SG	76.49
		52.48		25017 162CD2	38.18
162CB	25017 162N	34.58	162CB	25017 162NE2	55.49
162CB	25017 1610D1		162CB	25017 184CZ2	
	*				

		1,000		*	
16000	95000 000	1	ABLE XII		
162CB	37/8,38/8/1/4/24	42.56	11.1 (A) 10.44 (A) 24 (A)		73.15
162CE1		- 1 - Maria - 11 Aria - 1	162CE1		31.50
162CE1	89 447 888 688 PM   63 4 1 1 66 8 1 1 1 1 1 1 1	92.28	化自然性的有效 人名英格兰人姓氏	25017 162NE2	14.96
162CE1	经股票额额税格品的基本 电自动心电阻电压	34 N. W. M. 1797.		25017 137CB	81.03
1610	25017 162CA	44.07	1610	25017 25SG	69.63
1610	25017 161C	15.96	1610	25017 162N	31.46
1610	25017 1610D1			25017 137CB	91.92
162CA	25017 25 <i>S</i> G	61.24		25017 161C	35.13
162CA	25017 162CD2	56.09		25017 162N	19.37
162CA	25017 162NE2	69.58		25017 1610D1	58.28
162CA	25017 137CB	64.45	Contract Contract Contract	25017 161C	77.58
25 <i>S</i> G	25017 162CD2	73.41	25 <i>S</i> G	25017 162N	74.60
25SG	25017 162NE2	67.15	161C	25017 162CD2	89.68
161C	25017 162N	17.96	161C	25017 1610D1	42.82
161C	25017 137CB	75.96	162CD2		71.80
162CD2	25017 162NE2	18.45	162CD2	25017 1610D1	86.33
162CD2	25017 184CZ2	54.40	162CD2		50.73
162N	25017 162NE2	87.31	162N	25017 1610D1	42.68
162N	25017 137CB	63.55	162NE2		48.21
162NE2	25017 137CB	66.23	1610D1	상 (1852년 14일 전 18일 전 17일 등) 등(B)	44.42
184CZ2	25017 137CB	61.47	25SG	化自动物 医气焰 医甲烷基 地质压缩 电流	50.41
25SG	25N18 162CE1	53.56	25 <b>S</b> G		67.92
25SG	25N18 19NE2	71.90		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	69.62
25SG	25N18 25CB	22.82	25SG	25N18 23CA	87.13
25SG	25N18 162CG	56.99	25SG	25N18 19CD	72.29
162ND1	25N18 162CE1	17.36	162ND1		69.09
162ND1	25N18 19NE2	84.51	162ND1	25N18 190E1	59.48
162ND1	25N18 25CB	49.58	5 - 1 - 1 - 1 - 1 - 1 - 1	25N18 162CG	11.34
162ND1	25N18 19CD	72.69	162CE1		86.28
162CE1	25N18 19NE2	68.55	162CE1		42.23
	25N18 25CB	43.96	162CE1	25N18 162CG	27 30
162CE1	25N18 19CD	55.80	1610	25N18 25CB	89 34
1610	25N18 162CG	61.14	19NE2	25N18 190E1	29 63
TANF5	25N18 25CB	50.72	19NE2	25N18 23CA	55 40
19NE2	25N18 162CG	95.57	19NE2	25N18 19CD	15 35
130E1	<b>52NT8 52CB</b>	47.37	190E1	25N18 23CA	95 11
190E1	25N18 162CG	69.47	190E1	25N18 19CD	14 61
25CB	25N18 23CA	81.33	25CB		59.74
25CB	25N18 19CD	49.52	23CA	1. A. Mill. 1. 1. A. Mill. 1.	70.70
162CG	25N18 19CD	83.18	25SG	25C19 1610	92.47
25SG	25C19 162ND1	54.14	25SG	25C19 25CB	20 06
25SG	25C19 162CA	62.74	25sg	25C19 161C	20.00
25SG	25C19 162CE1	51.71	25SG	- <u>4 4494-944 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>	97.99
25SG	25C19 25N	41.07	25SG	25C19 23C	82.10
			·		JZ.IU

		т	ADIEVI		
25 <i>S</i> G	25C19 230	81.30	ABLE XII 25SG		59.31
25SG	25C19 19NE2	69.11			67.82
25SG	25C19 162N	76.57		25C19 162ND1	78.79
1610	25C19 162CA	38.01		25C19 161C	7.13
1610	25C19 162CE1	93.42	1610	25C19 162CG	66.49
1610	25C19 162CB	49.06		25C19 162N	21.75
162ND1		52.62			42.73
162ND1		71.68			14.66
162ND1	25C19 25N	83.32	162ND1	s - 1972 Spating J. Vertille 77 : .	12.47
162ND1	19 MONTH AD AMERICANO A DESCRIPTION AT L	75.83	162ND1	Hara a kandadari Alemini Bawasa ili kab	30.03
162ND1		57.42	25CB	25C19 162CA	76.45
25CB	25C19 162CE1	44.02	25CB	5 to a 14 to 8M (35 to 3 10 to 3 to	85.20
25CB	25C19 25N	31.12	25CB		72.96
25CB	25C19 230	77.28	25CB		62.09
25CB	25C19 19NE2	48.58		25C19 162CB	75.75
25CB	25C19 162N	92.17		25C19 161C	31.40
162CA	25C19 162CE1	56.83	162CA	25C19 162CG	31.62
162CA	25C19 162CB	17.87	162CA	25C19 162N	16.50
161C	25C19 162CE1	86.32	161C	25C19 162CG	59.37
161C	25C19 162CB	41.93	161C	25C19 162N	14.94
162CE1	25C19 25N	72.85		25C19 162CG	27.09
162CE1	25C19 19NE2	61.17	162CE1	25C19 162CB	44.66
162CE1	25C19 162N	71.95	23CA	25C19 25N	56.99
23CA	25C19 23C	18.49		25C19 230	29.45
23CA	25C19 19NE2	51.58	25N	25C19 23C	42.38
25N	25C19 230	46.35		25C19 162CG	93.20
25N	25C19 19NE2	42.58	23C	25C19 230	14.74
23C	25C19 19NE2	52.68	230	25C19 19NE2	66.29
162CG	25C19 19NE2	88.25	162CG	25C19 162CB	17.57
162CG	25C19 162N	45.36	162CB	25C19 162N	28.45
184NE1	25N20 190E1	48.31	184NE1	25N20 19CD	61.42
184NE1	25N20 184CE2	19.07	184NE1	25N20 19NE2	80.38
184NE1	25N20 184CZ2	38.30	184NE1	25N20 162CE1	53.42
184NE1	25N20 184CD1	12.98	184NE1	25N20 162ND1	68.69
184NE1		57.21	190E1	25N20 19CD	18.12
	25N20 184CE2	65.80	190E1	25N20 19NE2	
190E1		80.73	190E1		45.71
	25N20 184CD1	44.65	190E1	25N20 162ND1	59.71
	25N20 19CG	26.58	19CD	25N20 184CE2	80.19
	25N20 19NE2	19.18	19CD	25N20 184CZ2	97.13
	25N20 162CE1	62.24		25N20 184CD1	54.10
		74.29		25N20 19CG	
State of the Control			184CE2	25N20 184CZ2	20.04
184CE2	25N20 162CE1	56.95	184CE2	25N20 184CD1	30.00
		ger af e	0		
		- · ·	513		
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		TA	BLE XII		
184CE2	25N20 162ND1	68.56	184CE2	25N20 19CG	76.21
19NE2	25N20 162CE1	69.93	19NE2	25N20 184CD1	er i la la la responsable la
19NE2	25N20 162ND1				29.26
184CZ2	25N20 162CE1	57.21	184CZ2		49.98
184CZ2	25N20 162ND1	63.26	184CZ2		95.28
162CE1	25N20 184CD1	61.93	162CE1	25N20 162ND1	16.79
162CE1	25N20 19CG	72.21	184CD1		78.20
184CD1	25N20 19CG	47.15	162ND1		86.13
25SG	25C21 25CB	34.64	25SG	25C21 25N	72.39
25 <b>S</b> G	25C21 25CA	49.66	25 <i>S</i> G	25C21 162ND1	48.43
25SG	25C21 19NE2	93.26	25SG	25C21 26N	53.17
25SG	25C21 1610	82.24	25 <i>S</i> G	25C21 25C	43.41
25SG	25C21 24C	80.54	25SG	25C21 162CE1	48.10
25SG	25C21 19OE1	73.78	25SG	25C21 24CA	98.55
25SG	25C21 163N	27.76	25SG	25C21 162CA	50.66
25SG	25C21 19CD	82.46	25SG	25C21 26CD1	90.92
25CB	25C21 25N	45.83	25CB	25C21 25CA	23.90
25CB	25C21 162ND1	58.24	25CB	25C21 19NE2	60.12
25CB	25C21 26N	51.36	25CB	25C21 24N	83.08
25CB	25C21 25C	33.89	25CB	25C21 24C	55.62
25CB	25C21 162CE1	46.38	25CB	25C21 19OE1	47.87
25CB	25C21 24CA	73.29	25CB	25C21 163N	62.27
25CB	25C21 162CA	80.47	25CB	25C21 19CD	51.61
25CB	25C21 26CD1	90.22	25N	25C21 25CA	23.31
25N	25C21 230	62.57	25N	25C21 23C	56.71
25N	25C21 23CA	72.88	25N	25C21 19NE2	53.88
25N	25C21 26N	39.27	25N	25C21 24N	40.31
25N	25C21 25C	33.06	25N	25C21 24C	9.89
25N	25C21 162CE1	88.84	25N	25C21 19OE1	66.88
25N	25C21 24CA	27.62	25N	25C21 163N	97.26
25N	25C21 19CD	57.91	25N	25C21 26CD1	57.03
25CA	25C21 230	85.08	25CA	25C21 23C	79.97
25CA	25C21 162ND1				94.92
	25C21 19NE2	2 x 5, 5 - 5,55	25CA	25C21 26N	34.96
25CA	25C21 24N	63.21	25CA	25C21 25C	19.25
25CA	25C21 24C	32.60	25CA	25C21 162CE1	69.83
25CA	25C21 19OE1	60.15	25CA	25C21 24CA	
	25C21 163N				
	25C21 26CD1				18.23
	25C21 23CA	34.62		25C21 19NE2	A 100 March 11 Co. 12
	25C21 26N	74.70	230	25C21 24N	31.37
	25C21 25C				52.77
	25C21 24CA				94.62
230	25C21 26CD1	42.49	23C	25C21 23CA	21.54

	1	т	ABLE XII		
23C	25C21 19NE2			25C21 26N	80.57
23C	25C21 24N	17.67		25C21 25C	85.73
23C	25C21 24C	48.08		25C21 19OE1	91.44
23C	25C21 24CA	30.02	23C	25C21 19CD	77.14
23C	25C21 26CD1	121	4 4 5 4 1 4 4 4		82.13
162ND1	25C21 1610	그 원칙 기계 등 보고 있었다.	162ND1	25C21 25C	86.84
162ND1	25C21 162CE1		162ND1	25C21 19OE1	54.45
162ND1	25C21 163N	49.87	162ND1		38.64
162ND1	25C21 19CD	68.76	23CA	25C21 19NE2	59.28
23CA	25C21 24N	33.06	23CA	25C21 24C	65.84
23CA	25C21 19OE1	85.51	23CA		49.18
23CA	25C21 19CD	72.54	23CA	25C21 26CD1	76.75
19NE2	25C21 26N	91.47	19NE2	25C21 24N	51.72
19NE2	25C21 25C	78.62	19NE2	25C21 24C	57.38
19NE2	25C21 162CE1	66.80	19NE2	25C21 19OE1	27.71
19NE2	25C21 24CA	59.21	19NE2	25C21 19CD	13.58
26N	25C21 24N	70.38	26N	25C21 25C	17.60
26N	25C21 24C	40.64	26N	25C21 162CE1	94.63
26N	25C21 19OE1	94.99	26N	25C21 24CA	53.42
26N	25C21 163N	67.59	26N	25C21 162CA	96.43
26N	25C21 19CD	91.55	26N	25C21 26CD1	40.50
24N	25C21 25C	71.62	24N	25C21 24C	32.79
24N	25C21 19OE1	78.31	24N	25C21 24CA	16.97
24N	25C21 19CD	64.11	24N	25C21 26CD1	58.21
1610	25C21 162CE1	82.76	1610	25C21 163N	55.62
1610	25C21 162CA	33.90	25C	25C21 24C	38.87
25C	25C21 162CE1	78.56	25C	25C21 19OE1	78.01
25C	25C21 24CA	55.90	25C	25C21 163N	64.97
25C	25C21 162CA	92.64	25C	25C21 19CD	76.23
25C	25C21 26CD1	56.82	24C	25C21 162CE1	98.56
24C	25C21 19OE1	74.12	24C	25C21 24CA	18.29
24C	25C21 19CD	63.65	24C	25C21 26CD1	49.92
162CE1	25C21 19OE1	39.16	162CE1	25C21 163N	58.96
TOSCET	25C21 162CA	54.05	162CE1	25C21 19CD	53.25
100E1	25C21 24CA	82.23	190E1	25C21 163N	94.60
19051	25C21 162CA	93.01	190E1	25C21 19CD	14.34
1.62M	25C21 19CD	69.26	24CA	25C21 26CD1	46.30
35CC	25C21 162CA	28.85	163N	25C21 26CD1	94.44
255C	25022 25N	.//.15	25SG	25022 25СВ	38.56
2500	25022 25CA	56.15	25SG	25022 24C	89.30
2550	25022 TYUEL	40.5/	25SG	25022 162ND1	43.24
25SG	25022 162021	48.29	25 <i>S</i> G	25022 26N	51.24
258G 25N	25022 162CE1 25022 25CB	51 07	25SG	25022 240	83.26
2014	20022 25CB	21.87	25N	25022 19NE2	73.58

보다 하다 말해 다음화하다요 하 <u>는</u> 화되는 아이트 바이 등하는 생각하다.							
25N	25022	23C	71.81	ABLE XII			
25N	25022	A	24.89	177	25022	多种的 化二氯酸银 医化	95.33
25N	25022	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73.36		25022	. Y	52.99
25N	25022	114 - 124 Province 137 (138)	75.82	8.7%	25022	NUMBER 1967 - SAT	13.57
25N	25022	9 9. 1000	35.40	25N	25022		
25N	25022	<ul> <li>f out for New Process.</li> </ul>	29.02		25022		81.27
25N	25022	1 4 40 M OS 24 3 3 3 3	4 1 7 1 1 1 1 1	25N	25022	26N	34.61
25N	25022	1. 15 (1. b) 1/1983 (3. c) 1/1987 (1.	91.35 85.32	25N	25022	162CE1	94.53
25CB	25022		77.77	25N	25022	240	6.50
25CB	25022	24C	COOK, AND A CONTRACTOR	25CB	25022	12 1 2 2 2 2 2 2 2 2 2	27.03
25CB	25022	N. 44 ***** *** *****	65.38	25CB	25022	19CD	66.62
25CB	- 1 No. 17 (11) 00111 11	162ND1	58.82	25CB	25022	24CA	87.22
25CB	25022	10.00	52.46	25CB	25022	25C	32.94
25CB	25022	. 11971. 377 / 2007	48.44	25CB		162CE1	44.82
19NE2	25022	100 March 2000	58.22	19NE2		23C	87.29
19NE2	25022	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80.68	19NE2		25CA	75.11
19NE2	25022	u 1181 km 1890 80 mesosisis	70.11	19NE2		24C	73.32
19NE2	25022	일 시간 시작에서 경기됐다.	15.53	19NE2	25022	190E1	32.76
19NE2		24CA	76.24	19NE2	25022	220	41.66
19NE2	25022 25022	162ND1	90.29	19NE2	25022	25C	91.32
19NE2	· 1、2016年1月20日 東京	23N	70.60	19NE2		162CE1	74.46
23C	25022	22C	55.07	19NE2	25022	240	72.58
23C	25022	23CA	27.25	23C	25022	25CA	96.67
23C	25022	24N	23.18	23C	25022	230	20.52
23C	25022	- with 10 to 3 to 3.	58.32	23C	25022	24CA	36.50
23C	25022 25022	220	49.90	23C	25022	25C	95.16
23C		26N	86.14	23C	25022	23N	30.10
23CA	25022	22C	39.20	23C	25022	240	65.47
23CA	25022	24N	42.37	23CA	25022	230	41.32
23CA	25022 25022	24C	81.90	23CA	25022	19CD	95.72
23CA	25022 25022	24CA	60.58	23CA	25022	220	39.10
		23N	10.12		25022		25.72
	25022		88.84				77.38
	25022		96.24		25022	24C	38.44
	25022 25022	11900 200 1 100	70.44				70.91
		"我们不是我们的。"	60.28	25CA	25022	220	98.08
	25022		79.49	25CA	25022	25C	16.40
	25022		32.82	25CA			70.84
	25022		31.31	24N	25022	230	38.32
	25022		39.66	24N	25022	19CD	83.95
15 March 1985	25022		19.43	24N			42.54
24N 24N	25022		80.28	* 11		26N	76.76
* 1 *** *	25022				25022		38.22
				( N = 11	25022		61.42
230	25022	24CA	42.50	230	25022	220	70.35

			NI CAN		
230	25022 25C	89.16	ABLE XII 230	25022 26N	75.00
230	25022 23N	47.63		25022 26N 25022 22C	75.88 59.10
230	25022 240	68.00	Carlo Audio III in a	25022 22C	
24C	25022 190E1	- 1 40000 1970 (A66).		25022 13CD	79.18
24C	25022 220	71.83	A. 50 Sept. 1	25022 24CA 25022 25C	21.85
24C	25022 26N	42.17	24C	25022 23N	41.07
24C	25022 23C	73.88	24C		78.42
19CD	25022 190E1	17.46	19CD		7.15
19CD	25022 220	56.95	19CD		86.98
19CD	. 177 - 188 - 1880 <b>- 18</b> 80 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 -	86.74	19CD	25022 162ND1 25022 23N	74.94
19CD	25022 162CE1	58.96	19CD		85.73
19CD	25022 240	76.60	· · · · · · · · · · · · · · · · · · ·	25022 22C 25022 220	70.31
190E1		57.54	190E1		73.26
190E1		41.81	190E1		85.88
190E1		85.82	24CA	25022 22C 25022 22O	86.38
24CA	25022 25C	61.20	24CA	25022 220 25022 26N	59.15
24CA	25022 23N	58.31			57.49
24CA	25022 23N	29.00	2 NO 1996 AND 12 1		57.09
220	25022 22C	13.41	220 220	25022 23N 25022 240	28.99
162ND1	25022 25C	81.58	162ND1		76.18
162ND1		16.64	A.C. M. 1985 F. 1985	25022 26N	91.32
25C	25022 162CE1	77.24		25022 240	17.25 34.98
26N	25022 162CE1	90.62		25022 240	38.49
23N	25022 22C	15.60	23N	25022 240	84.97
22C	25022 240	79.45	1600	25C23 160CB	36.76
670н	25C23 67CE1		1600	25C24 160CB	45.57
1600	25C24 160C	10.69	1600	25C24 160CB	28.84
1600	25C24 160N		160CB	25C24 160CA	34.90
160CB	25C24 209CD2	18 1 3 4 1 5 1 miles	160CB	25C24 160CA	18.76
160CB	25C24 160N	30.63	160C	25C24 209CD2	96.30
160C	25C24 160CA	18.91	160C	25C24 160N	29.27
67CE1		57.14	67CE1	25C24 67OH	30 07
209CD2	25C24 160CA	90.67	209CD2	25C24 67OH	85 98
160CA	25C24 160N	17.56	1600	25C25 160C	5.82
				25C25 160CB	
		30.77	67CE1	25C25 67CZ	16 04
670H	25C25 67CZ	16.48	670н	25C26 67CE1	31.37
670H	25C26 67CZ	16.61	67CE1	25C26 67CZ	17.15
670H	25C27 67CZ	14.42	670H	25C27 67CE1	29.64
67CZ	25C27 67CE1	16.82	67CE1	25C27 1600	94.55
6 / OH	25C28 67CE1	29.88	670H	25C28 67CZ	13.63
67CE1	25C28 67CZ	16.55	2750H2	25030 161CA	92.49
1600	25030 161CA	34.81	1600	25C31 161CA	41.59
1600	25C31 1610	73.41	1600	25C31 161C	57.25
					· -

		T	ABLE XII		
1600	25C31 160C	11.02	1600	25C31 161N	26.54
1600	25C31 161CB	50.31	161CA	25C31 1610	34.32
161CA	25C31 161C	20.25	161CA	25C31 160C	31.39
161CA	25C31.161N	15.77	161CA	25C31 161CB	16.64
1610	25C31 275OH2	83.79	1610	25C31 161C	16.21
1610	25C31 160C	62.41	1610	25C31 161N	47.12
1610	25C31 161CB	38.54	2750H2		97.89
2750H2	25C31 161CB	91.47	161C	25C31 160C	46.24
161C	25C31 161N	31.16	161C	25C31 161CB	30.39
160C	25C31 161N	15.86	160C	25C31 161CB	42.23
161N	25C31 161CB	29.11	1600	25032 161CA	58.97
1600	25032 161C	79.84	1600	25032 160C	17.38
1600	25032 161N	38.10	1600	25032 161CB	67.22
1600	25032 162N	74.42	1600	25032 160CA	13.85
161CA	25032 1610	45.01	161CA	25032 161C	27.02
161CA	25032 160C	43.17	161CA	25032 161N	22.39
161CA	25032 161CB	19.73	161CA	25032 162N	31.22
161CA	25032 160CA	49.48	1610	25032 161C	21.40
1610	25032 160C	83.84	1610	25032 161N	63.21
1610	25032 161CB	49.30	1610	25032 162N	29.81
1610	25032 160CA	88.75	1610	25032 2750н2	81.22
161C	25032 160C	62.49	161C	25032 161N	42.18
161C	25032 161CB	39.00	161C	25032 162N	12.22
161C	25032 160CA	67.34	160C	25032 161N	21.25
160C	25032 161CB	55.00	160C	25032 162N	57.22
160C	25032 160CA	6.68	161N	25032 161CB	37.70
161N	25032 162N	39.25	161N	25032 160CA	27.25
161CB	25032 162N	47.45	161CB	25032 160CA	61.67
161CB	25032 2750Н2	93.88	162N	25032 160CA	61.00
1610	25C33 161C	15.17	1610	25C33 275OH2	81.48
1610	25C33 161CA	29.19	660	25C33 66N	37.60
660	25C33 65CA	66.72		25С33 275ОН2	91.71
161C	25C33 161CA	18.22	66N	25C33 275OH2	84.36
66N	25C33 65CA	29.78	2750Н2	25C33 161CA	86.95
2750H2	25C33 65CA	56.91	660	25C34 66C	9.95
660	25C34 66N	42.43	660	25C34 26CB	47.74
660	25C34 66CA	25.52	660	25C34 67N	13.89
660	25C34 26CG	42.21	660	25C34 163CB	91.47
66C	25C34 66N	36.15	66C	25C34 26CB	56.11
66C		18.24	66C	25C34 67N	11.90
66C	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48.09	66N	25C34 26CB	65.07
66N	25C34 66CA	17.98	66N	25C34 67N	47.31
66N	25C34 26CG	48.82	26CB	25C34 66CA	60.10
26CB	25C34 67N	60.76	26CB	25C34 26CG	17.03
		and the second s		<del> </del>	<del></del>

2		TA	BLE XII		
26CB	25C34 163CB	52.12	66CA	25C34 67N	29.36
66CA	25C34 26CG	46.86	1610	25C34 163CB	78.29
67N	25C34 26CG	56.10	67N	25C34 163CB	99.58
26CG	25C34 163CB	68.12	660	25C35 163CB	89.09
660	25C35 66C	7.53	660	25C35 67CD1	63.13
660	25C35 68SD	68.36	660	25C35 26CB	39.72
209CD2	25C35 134CB	51.38	209CD2	25C35 67CD1	51.16
209CD2	25C35 68SD	69.83	209CD2	25C35 1600	84.17
134CB	25C35 163CB	64.65	134CB	25C35 163N	61.10
134CB	25C35 68SD	66.71	134CB	25C35 1600	74.73
134CB	25C35 1610	92.07	163CB	25C35 66C	96.13
163CB	25C35 163N	30.24	163CB	25C35 68SD	45.97
163CB	25C35 26CB	50.88	163CB	25C35 1610	80.11
66C	25C35 67CD1	56.50	66C	25C35 68SD	71.94
66C	25C35 26CB	47.21	67CD1	25C35 68SD	80.40
67CD1	25C35 26CB	97.36	163N	25C35 68SD	74.50
163N	25C35 1600		163N	25C35 26CB	73.24
163N	25C35 1610	52.41	68SD	25C35 26CB	52.35
1600	25C35 1610	56.45	26CB	25C35 1610	98.49
161C	25C36 1610	Dr. A. 1984 - P. M. Brand	161C	25C36 162N	20.01
161C	25C36 1600		161C	25C36 163N	67.45
161C	25C36 161CA	2 47% * 247 * 1	161C	25C36 162C	54.00
161C	25C36 160C		161C	25C36 161N	36.26
161C	25C36 162CA		161C	25C36 163CA	85.21
161C	25C36 163CB		161C	25C36 1620	59.74
161C	25C36 160CB		161C	25C36 134CA	96.31
1610	25C36 162N		1610	25C36 1600	74.48
1610	25C36 163N		1610	25C36 161CA	34.96
1610 1610	25C36 162C		1610	25C36 160C	69.44
1610	25C36 161N		1610	25C36 162CA	38.64
1610	25C36 163CA		1610	25C36 163CB	94.16
	25C36 1620 25C36 134CB			•	98.55
	25C36 163N	89.78		25C36 1600	
162N	25C36 163R	26 12	162N	25C36 161CA	35.49
162N	25C36 162C 25C36 161N	30.12	162M		
	25C36 163CA				19.47
		39.89			85.10
	25C36 134CA	77 00	134CD	25C36 160CB 25C36 160O	76.82
19 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -					94.70 70.42
	25C36 160C	84.32	134CB		89.08
134CB	25C36 162CA	87.63	134CB	25C36 163CA	61.39
		69.69			57.00
134CB	25C36 209CD2		134CB	25C36 160CB	57.37
	<del> </del>				

			ABLE XII		
134CB	25C36 134CA	14.58		25C36 161CA	40.90
1600	25C36 160C	17.14	1600	25C36 161N	31.70
1600	25C36 162CA	90.56	1600	25C36 1620	96.89
1600	25C36 209CD2	91.01	1600	25C36 160CB	37.47
1600	25C36 134CA	97.11	163N	25C36 161CA	87.43
163N	25C36 162C	18.84	163N	25C36 161N	90.13
163N	25C36 162CA	33.77	163N	25C36 163CA	18.45
163N	25C36 163CB	32.69	163N	25C36 1620	29.16
163N	25C36 134CA	60.25	161CA	25C36 162C	71.59
161CA	25C36 160C	34.60	161CA	25C36 161N	20.18
161CA	25C36 162CA	53.69	161CA	25C36 1620	73.10
161CA	25C36 160CB	64.88	161CA	25C36 134CA	99.89
162C	25C36 160C	86.67	162C	25C36 161N	71.72
162C	25C36 162CA	20.71	162C	25C36 163CA	32.55
162C	25C36 163CB	50.28	162C	25C36 1620	14.79
162C	25C36 160CB	91.85	162C	25C36 134CA	55.85
160C	25C36 161N	18.17	160C	25C36 162CA	76.54
160C	25C36 162O	79.80	160C	25C36 209CD2	94.97
160C	25C36 160CB	31.31	160C	25C36 134CA	83.64
161N	25C36 162CA	59.12	161N	25C36 1620	67.84
161N	25C36 160CB	45.47	161N	25C36 134CA	83.93
162CA	25C36 163CA	51.16	162CA	25C36 163CB	66.24
162CA	25C36 1620	30.96	162CA	25C36 160CB	91.92
162CA	25C36 134CA	73.28	163CA	25C36 163CB	19.41
163CA	25C36 1620	35.58	163CA	25C36 134CA	50.10
163CA	25C36 660	93.58	163CB	25C36 1620	54.97
163CB	25C36 209CD2	96.16	163CB	25C36 134CA	62.02
163CB	25C36 660	74.19	1620	25C36 160CB	79.17
1620	25C36 134CA	42.49	209CD2	25C36 160CB	65.91
209CD2	25C36 134CA	65.34	209CD2	25C36 660	80.01
160CB	25C36 134CA	61.85	209CD2	25C37 67CD1	67.58
209CD2		72.61	209CD2	25C37 67CG	78.13
209CD2	E 8 7 7		209CD2	25C37 67CZ	85.11
(M) 5		51.48	209CD2	25C37 67CA	84.67
209CD2		2.50	67CD1	25C37 67CE1	21.97
67CD1		73.49	1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	25C37 67CG	14.24
67CD1	25C37 67CZ	29.56		25C37 66C	63.11
67CD1		43.36		25C37 209CG	66.09
67CE1		88.74		25C37 67CG	32.18
67CE1	بالمراز والمراز والمراز والمراز	12.63	67CE1	25C37 66C	77.14
67CE1		63.67	67CE1		72.01
660		59.39		25C37 67CZ	84.53
660	25C37 66C	11.85	1	25C37 67CA	35.08
67CG	25C37 67CZ	34.96	67CG	25C37 66C	48.87

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			<b>n</b>	ABLE XII			
67CG	25C37	67CA	31.56	67CG	25C37	209CG	76.30
1600	25C37	134CB	73.49	1600	25C37		99.48
67CZ	25C37	66C	72.68	67CZ	25C37		65.61
67CZ	a ata a	209CG	84.57		25C37	37.885 334 334 NO. 1	29.50
134CB	25C37	209CG	52.27	67CA		209CG	82.22
65CA	25C38		35.46	65CA	and the second of the second of	para esta esta esta en la compara esta esta esta esta esta esta esta est	74.46
65CA	25C38		58.84	65CA	25C38	NAME OF BUILDING	67.35
65CA	25C38		19.07	65CA	25C38	230	55.20
65CA	25C38	26CB	86.32	65CA	25C38		69.11
65CA	25C38	640	33.75	65CA	25C38	65N	11.94
1610	25C38	25SG	65.22	1610		2750н2	84.21
1610	25C38	161C	10.24	66N	25C38	660	39.10
66N	25C38	26CD1	49.39	66N	25C38		95.80
66N	25C38	65C	16.72	66N	25C38	230	75.10
66N	25C38	26CB	62.01	66N	25C38	26CG	49.74
66N	25C38		67.28	66N	25C38	The second second	46.94
660	25C38	26CD1	55.62	660	25C38	65C	55.45
660	25C38	230	98.46	660	25C38	26CB	41.40
660	25C38	26CG	43.32	660	25C38	65N	85.60
26CD1	25C38	25 <i>S</i> G	77.15	26CD1	25C38	65C	49.46
26CD1	25C38	230	44.41	26CD1	25C38	26CB	32.56
26CD1	25C38	26CG	15.85	26CD1	25C38	640	87.10
26CD1	25C38	65N	61.51	25SG	25C38	230	70.52
25SG	25C38	26CB	68.80	25SG	25C38	26CG	76.92
25SG	25C38	161C	68.97	2750H2	25C38	65C	83.85
2750н2	25C38	230	87.47	2750H2	25C38	640	35.10
2750Н2	25C38	161C	89.52	2750H2	25C38	65N	61.32
65C	25C38	230	62.91	65C	25C38	26CB	71.13
65C	25C38	26CG	55.52	65C	25C38	640	52.20
65C	25C38	65N	30.26	230	25C38	26CB	73.10
230	25C38	26CG	59.68	230	25C38	640	61.47
230	25C38	65N	47.46	26CB	25C38	26CG	17.91
26CB	25C38	65N	91.96	26CG	25C38	65N	74.13
640	25C38	65N	26.26	65CA	25039	66N	45.40
65CA	25039	65C	23.65	65CA	25039	2750н2	89.27
65CA	25039	640	46.55	65CA	25039	65N	17.11
65CA	25039	26CD1	69.73	65CA	25039	230	68.59
65CA	25039	64C	33.21	65CA	25039	660	84.46
65CA	25039	66CA	54.04	65CA	25039	650	20.83
65CA	25039	26CG	77.43		25039	26NE1	55.20
65CA		66C	71.68	66N	25039	65C	22.01
66N	25039	***	89.22	66N	25039	65N	62.07
66N	25039	26CD1		66N	25039	230	90.19
66N	25039	64C	78.37	66N	25039	660	39.27

	66N	25039	6602		ABLE XII	The second of th		
	66N	25039	66CA	8.76	66N	25039	- 18 Table 1	25.54
	66N	25039	26CG	51.40	牙形物 作表说 心。	25039		
	65C		66C	26.33		25039	der fill der Satisfie	69.28
		25039	65N	40.08		25039		57.43
	65C	25039		76.91	5 N. S. 180 B. S. 180 P. L.	25039		56.85
	erre and August and		660	60.83	71 - 17 NA 144 1 1 1	25039	7.7	30.50
	65C		650	3.97		25039		60.36
	65C	25039	26NE1	45.73	1. St. 1. S. A.W.	25039	66C	48.13
	2750H2	25039	640	44.70	1. Will Wisk Au		65N	79.36
	2750H2		64C	61.39		시작했다죠ㅋㅋ()	1610	78.76
	640	25039	65N	34.67		25039	230	76.69
	640		64C	16.94		25039	66CA	97.89
	640		650	67.08	640	25039	26NE1	93.96
	65N	25039	26CD1		65N	25039	230	58.94
	65N		64C	18.53	65N	25039	66CA	70.56
	65N	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	650	36.76	65N	25039	26CG	85.84
	65N	25039	26NE1	60.15	65N	25039	66C	88.15
	26CD1		230	49.08	26CD1	25039	64C	91.52
	26CD1		660	56.07	26CD1	25039	66CA	53.07
o)(a	26CD1		650	56.44	26CD1	25039	26CG	14.63
	26CD1	25039	26NE1	14.91	26CD1	25039	66C	54.99
	230	25039	64C	64.20	230	25039	66CA	93.33
	230		650	73.30	230	25039	26CG	63.07
	230	25039	26NE1	44.74	64C	25039	66CA	87.09
	64C	25039	650	53.98	64C	25039	26NE1	77.02
	660	25039	66CA	30.52	660	25039	650	63.93
	660	25039	26CG	42.81	660	25039	26NE1	62.05
	660	25039	66C	13.06	66CA		650	33.85
	66CA	25039	26CG	47.00	66CA	25039	26NE1	49.86
	66CA	25039	66C	17.64	650	25039	26CG	60.51
	650	25039	26NE1	44.00	650	25039	· · · · · · · · · · · · · · · · · · ·	51.39
	26CG	25039	26NE1	26.93	26CG	25039	66C	44 17
14.10	26NE1	25039	66C	57.23	25SG	25N40 1	610	83 77
191	25 <b>S</b> G	25N40	26CD1	96.23	25 <b>S</b> G	25N40		54.32
	25 <b>S</b> G	25N40	230	88.72	25 <i>S</i> G	25N40	26CB	85 40
	25SG	25N40 1	63N	48.48	25 <i>S</i> G	25N40	25CB	12 70
	25SG	25N40	26CG	93.55	25SG	25N40 1		83.44
*	25SG	25N40		43.46				55 93
	25SG	25N40	26CA	67.26	25SG	25N40	23C	77.46
÷	25SG	25N40 1	63CB	56.68	25SG	25N40	25CA	30.38
	25SG	25N40	25C	40.47	1610	25N40 1	63N	62.30
	1610	25N40	25CB	96.42	1610	25N40 1	610	9.97
	1610	25N40 1	62CA	34.15	1610	25N40 1	* * * * * * * * * * * * * * * * * * * *	90.03
	26CD1		26N	45.97		25N40		
•			-1	,	2002	22430	220	47.29

		T/	ABLE XII		
26CD1	25N40 26CB	34.59	26CD1	25N40 25CB	83.86
26CD1	25N40 26CG	16.42	26CD1	25N40 25N	56.97
26CD1	25N40 65CA	53.52	26CD1	25N40 660	51.90
26CD1	25N40 26CA	42.89	26CD1	25N40 66N	44.25
26CD1	25N40 23C	56.28	26CD1	25N40 163CB	84.60
26CD1	25N40 25CA	66.03	26CD1	25N40 25C	58.27
26N	25N40 230	70.59	26N	25N40 26CB	33.25
26N	25N40 163N	70.68	26N	25N40 25CB	44.21
26N	25N40 26CG	39.40	26N	25N40 25N	34.54
26N	25N40 65CA	99.36	26N	25N40 660	73.26
26N	25N40 162CA	97.09	26N	25N40 26CA	16.76
26N	25N40 66N	85.93	26N	25N40 23C	69.38
26N	25N40 163CB	48.13	26N	25N40 25CA	29.29
26N	25N40 25C	13.85	230	25N40 26CB	79.60
230	25N40 25CB	77.95	230	25N40 26CG	63.18
230	25N40 25N	49.38	230	25N40 65CA	52.49
230	25N40 660	94.81	230	25N40 26CA	79.46
230	25N40 66N	70.07	230	25N40 23C	13.03
230	25N40 25CA	66.29	230	25N40 25C	73.80
26CB	25N40 163N	81.30	26CB	25N40 25CB	76.86
26CB	25N40 26CG	18.52	26CB	25N40 25N	64.46
26CB	25N40 65CA	80.54	26CB	25N40 660	40.01
26CB	25N40 26CA	18.15	26CB	25N40 66N	57.97
26CB	25N40 23C	85.39	26CB	25N40 163CB	51.83
26CB	25N40 25CA	62.52	26CB	25N40 25C	46.36
163N	25N40 25CB	57.29	163N	25N40 26CG	99.16
163N	25N40 161C	55.09	163N	25N40 25N	84.86
163N	25N40 660	96.57	163N	25N40 162CA	29.80
163N	25N40 26CA	70.11	163N	25N40 163CB	29.52
163N	25N40 25CA	67.98	163N	25N40 25C	62.99
25CB	25N40 26CG	82.58	25CB	25N40 161C	96.21
25CB	25N40 25N	30.92	25CB	25N40 162CA	68.31
25CB	25N40 26CA	58.91	25CB	25N40 23C	67.68
25CB	25N40 163CB		25CB	25N40 25CA	17.83
25CB	25N40 25C	30.57	26CG	25N40 25N	61.46
	25N40 65CA	64.22	26CG	25N40 660	41.69
	25N40 26CA	30.63	26CG	25N40 66N	46.53
26CG	25N40 23C	71.01		25N40 163CB	69.91
26CG	25N40 25CA			25N40 25C	53.15
61C	• •	29.49	161C	25N40 163CB	81.51
25N		97.53		25N40 162CA	99.23
25N	25N40 26CA	50.89	25N	25N40 23C	41.97
25N		74.65		25N40 25CA	16.92
25N	25N40 25C	28.88	65CA	25N40 660	62.01

		. IV DV 64 a I. W. dV 64	T	ABLE XII			
65CA	25N40	26CA	94.78	65CA		66N	28.94
65CA	25N40	ar a mar ar a fairth an	64.73	660	25N40	26CA	57.46
660	25N40		33.09	660	25N40	163CB	
660	25N40	and the second second	86.11	162CA	25N40	26CA	99.40
162CA	25N40	化甲烷二溴烷基三溴烷基烷	59.22	162CA	25N40	25CA	84.50
162CA	25N40	25C	86.43	26CA	25N40	66N	75.24
26CA	25N40	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	81.32	26CA	25N40	163CB	42.44
26CA	25N40	25CA	45.63	26CA	25 <b>N4</b> 0	25C	28.66
66N	25 <b>N4</b> 0	23C	83.06	66N	25N40	25C	99.63
23C	25N40	25CA	58.57	23C	25N40	25C	69.36
163CB	25N40	25CA	59.45	163CB	25N40	25C	46.39
25CA	25N40	25C	17.68	25 <i>S</i> G	25C41	25N	62.70
25SG	25C41	26N	62.65	25 <i>S</i> G	25C41	25CB	23.96
25SG	25C41	25CA	43.98	25SG	25C41	24N	98.96
25SG	25C41	24C	76.68	25SG	25C41	25C	48.95
25 <i>S</i> G	25C41	26CB	86.53	25SG	25C41	24CA	95.08
25SG	25C41	1610	70.41	25 <i>S</i> G	25C41	26CA	70.68
230	25C41	25N	69.35	230	25C41	23C	19.72
230	25C41	26CD1	58.41	230	25C41	26N	90.56
230	25C41	25CA	89.48	230	25C41	23CA	34.94
230	25C41	24N	31.63	230	25C41	24C	57.25
230	25C41	25C	94.72	230	25C41	26CB	91.35
230	25C41	26CG	73.21	230	25C41	24CA	37.60
230	25C41	65CA	57.07	230	25C41	26NE1	46.32
230 25N	25C41	26CA	94.04	25N	25C41	23C	58.58
25N	25C41	26CD1	71.53	25N	25C41	26N	42.84
25N	25C41	25CB	39.04	25N	25C41	25CA	20.25
25N 25N	25C41	23CA	71.04	25N	25C41	24N	41.24
25N	25C41	24C	14.76	25N	25C41	25C	33.26
25N	25C41 25C41	26CB	72.91	25N	25C41	26CG	71.59
25N		24CA	32.43	25N	25C41	26NE1	71.77
23C	25C41	26CA	57.10	23C	25C41		72.85
23C	25C41	4.5	90.94	23C	25C41	25CB	91.53
23C			78.46		25C41	7 . "	20.98
23C			17.34 89.47		25C41		50.23
23C	25C41			23C	25C41	26CG	86.15
23C	25C41		32.48			14 (1 NN) W (1)	75.78
26CD1	25C41		61.91	11 11 11 11 11 11 11 11 11 11 11 11 11	25C41		99.05
	25C41		51.41		25C41	20 s (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	79.66
26CD1	25C41		92.59			24N	70.00
26CD1		26CB	58.88 34.11		• •		66.43
26CD1	25C41	24CA	54.83	26CD1	25C41		15.31
26CD1	25C41	26NE1	12.42		25C41	65CA	55.19
		~ OLTET	+4.46	Z OCDI	25C41	:∠ocA	44.47

		TA	BLE XII		* .	
26N	25C41 25CB	51.65	26N	25C41	25CA	35.77
26N	25C41 24N	75.80	26N	25C41	24C	42.85
26N	25C41 25C	16.65	26N	25C41	26CB	33.09
26N	25C41 26CG	41.38	26N	25C41	24CA	58.47
26N	25C41 26NE1	60.33	26N	25C41	26CA	14.86
25CB	25C41 25CA	22.08	25CB	25C41	23CA	94.98
25CB	25C41 24N	75.58	25CB	25C41	24C	53.42
25CB	25C41 25C	35.13	25CB	25C41	26CB	82.86
25CB	25C41 26CG	92.88	25CB	25C41	24CA	71.25
25CB	25C41 1610	93.68	25CB	25C41	26CA	64.25
25CA	25C41 23CA	88.69	25CA	25C41	24N	61.20
25CA	25C41 24C	32.93	25CA	25C41	25C	20.29
25CA	25C41 26CB	68.87	25CA	25C41	26CG	74.42
25CA	25C41 24CA	52.13	25CA	25C41	26NE1	83.73
25CA	25C41 26CA	50.39	23CA	25C41	24N	33.53
23CA	25C41 24C	66.67	23CA	25C41	24CA	51.61
23CA	25C41 65CA	80.98	23CA	25C41	26NE1	80.92
24N	25C41 24C	33.63	24N	25C41	25C	72.54
24N	25C41 26CB	93.33	24N	25C41	26CG	80.45
24N	25C41 24CA	18.67	24N	25C41	.65CA	88.30
24N	25C41 26NE1	61.55	24N	25C41	26CA	85.94
24C	25C41 25C	39.29	24C	25C41	26CB	67.28
24C	25C41 26CG	61.65	24C	25C41	24CA	19.66
24C	25C41 26NE1	57.67	24C	25C41	26CA	54.90
25C	25C41 26CB	49.26	25C	25C41	26CG	57.75
25C	25C41 24CA	58.24	25C	25C41	26NE1	73.78
25C	25C41 26CA	30.51	26CB	25C41	26CG	18.80
26CB	25C41 24CA	74.83	26CB	25C41	65CA	78.82
26CB	25C41 26NE1	46.51	26CB	25C41	26CA	18.80
26CG	25C41 24CA	63.20	26CG	25C41	65CA	65.01
26CG	25C41 26NE1	27.72	26CG	25C41	26CA	31.31
24CA	25C41 65CA		24CA	25C41		48.94
24CA	25C41 26CA		65CA		26NE1	49.22
65CA	25C41 26CA		26NE1	1.00	26CA	55.54
2750H2			2750H2		66N	91.61
2750H2	25N42 65CA		2750H2	25N42 1		94.32
2750H2	25N42 161CA		1610	25N42 1		13.86
1610	25N42 1600	• •	1610	25N42 1		29.35
66N	25N42 660		66N		65CA	29.86
660 161C	25N42 65CA		L61C	25N42 1		47.97
1010	25N42 161CA	17.98	L600	25N42 1	61CA	33.22

## TABLE XIII

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide.

arriga, seed				$(\gamma_1, \beta_2, \gamma_2, \dots, \beta_n)$			and the second
Atom 1	Atom	2 Atom 3	Angle	Atom 1	Atom	2 Atom 3	Angle
184CB	25C1	1840	38.19	184CB	25C1	184CG	19.52
184CB	25C1	184CD2	33.79	184CB	25C1		43.09
184CB	25C1	188CD1	58.81		25C1		56.83
1840	25C1	184CD2	71.93	1840	25C1		78.59
1840	25C1	188CD1	69.71	184CG	25C1	184CD2	17.68
184CG	25C1	184CE3	32.58	184CG	25C1		65.18
184CD2	25C1	184CE3	17.04	184CD2	25C1		58.90
184CE3	25C1	188CD1	45.42	1840	25C2	184CB	44.21
1840	25C2	180D1	53.44	1840	25C2	184C	13.95
1840	25C2	184CA	33.42	1840	25C2	184CG	63.00
184CB	25C2	180D1	67.91	184CB	25C2	184C	34.94
184CB	25C2	184CA	20.32	184CB	25C2	184CG	19.43
180D1	25C2	184C	45.96	180D1	25C2	184CA	48.12
180D1	25C2	184CG	73.56	184C	25C2	184CA	20.19
184C	25C2	184CG	52.12	184CA	25C2	184CG	33.37
180D1	25C3	184CB	80.07	180D1	25C3	1840	59.68
180D1	25C3	184CA	57.15	180D1	25C3	184CG	89.66
180D1	25C3	184C	51.33	180D1	25C3	184CD1	82.13
180D1	25C3	18CG	11.24	180D1	25C3	18ND2	27.16
180D1	25C3	200	73.60	184CB	25C3	1840	44.39
184CB	25C3	184CA	22.92	184CB	25C3	184CG	22.24
184CB	25C3	184C	36.34	184CB	25C3	184CD1	37.05
184CB	25C3	18CG	84.56	184CB	25C3	18ND2	96.50
184CB	25C3	184CD2	33.32	1840	25C3	184CA	36.38
1840	25C3	184CG	66.41	1840	25C3	184C	16.67
1840	25C3	184CD1	77.34	1840	4	18CG	
1840	25C3	18ND2			25C3	184CD2	76.89
184CA	25C3	184CG	37.43	184CA	25C3	184C	21.29
184CA	25C3	184CD1	42.36	184CA	25C3	18CG	62.14
184CA	25C3	18ND2	75.37	184CA	25C3	184CD2	52.39
184CG	25C3	184C	56.26	184CG	25C3	184CD1	

			T	ABLE XIII			
184CG	25C3	18CG	97.29	184CG	25C3	184CD2	15.81
184CG	25C3	200	99.33	184C	25C3	184CD1	63.60
184C	25C3	18CG	51.80	184C	25C3	18ND2	61.00
184C	25C3	184CD2	69.50	184CD1	25C3	18CG	91.92
184CD1	25C3	184CD2	27.91	184CD1	25C3	200	80.68
18CG	25C3	18ND2	16.43	18CG	25C3	200	80.57
18ND2	25C3	200	85.65	184CG	25C4	184CD1	22.16
184CG	25C4	184CB	23.25	184CG	25C4	184NE1	33.38
184CG	25C4	184CD2	20.04	184CG	25C4	184CA	36.56
184CG	25C4	180D1	84.23	184CG	25C4	184CE2	31.43
184CG	25C4	1840	59.49	184CG	25C4	184CE3	31.14
184CG	25C4	184C	50.73	184CD1	25C4	184CB	40.60
184CD1	25C4	184NE1	19.22	184CD1	25C4	184CD2	33.07
184CD1	25C4	184CA	43.38	184CD1	25C4	180D1	80.63
184CD1	25C4	184CE2	30.49	184CD1	25C4	200	96.73
184CD1	25C4	1840	72.55	184CD1	25C4	184CE3	47.65
184CD1	25C4	184C	60.18	184CB	25C4	184NE1	55.95
184CB	25C4	184CD2	38.71	184CB	25C4	184CA	20.96
184CB	25C4	180D1	69.40	184CB	25C4	184CE2	54.07
184CB	25C4	1840	36.44	184CB	25C4	184CE3	42.67
184CB	25C4	184C	29.74	184NE1	25C4	184CD2	31.83
184NE1	25C4	184CA	62.30	184NE1	25C4	180D1	97.90
184NE1	25C4	184CE2	18.20	184NE1	25C4	200	93.72
184NE1	25C4	1840	90.55	184NE1	25C4	184CE3	45.60
184NE1	25C4	184C	78.96	184CD2	25C4	184CA	55.86
184CD2	25C4	184CE2	18.77	184CD2	25C4	1840	74.24
184CD2	25C4	184CE3	14.78	184CD2	25C4	184C	68.30
184CA	25C4	180D1	49.23	184CA	25C4	184CE2	67.15
						184CE3	
184CA	25C4	184C	16.85	180D1	25C4	200	73.28
180D1	25C4	1840	46.75	180D1	25C4	184C	42.18
184CE2	25C4	1840	90.51	184CE2	25C4	184CE3	29.58
184CE2	25C4	184C	82.12	1840	25C4	184CE3	73.98
1840	25C4	184C	14.33	184CE3	25C4	184C	71.72
184CG	25C5	184CD2	22.73	184CG	25C5	184CD1	20.69
184CG	25C5	184CE2	35.01	184CG	25C5	184NE1	33.46
184CG	25C5	184CB	21.39	184CG	25C5	184CE3	38.46
184CG	25C5	184CZ2	50.35	184CG	25C5	184CZ3	51.39

ine. Pine				TABLE XIII			
184CG	25C5	184CA	29.48	7.47	war in the con-	184CD1	24:47
184CD	2 25C5	184CE2	21.03		Salaman III	· · · · · · · · · · · · · · · · · · ·	34.47 33.32
184CD	25C5	184CB	39.17			- 1	19.36
184CD2	2 25C5	184CZ2					29.20
184CD2	25C5	184CA	51.36	0.700.000		석성보다 한국가	33.24
184CD1	25C5	184NE1			S. W. W. B.	원용성의 교육 (기교 중요)	37.53
184CD1	. 25C5	184CE3	53.61	184CD1	To primar Alberta.		49.12
184CD1	25C5	184CZ3	62.53	- N. N. J. M. 48 (2)	80 Awd00.044	- 149 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36.61
184CE2	25C5	184NE1	19.71	184CE2	4894 No. 3, 1 a - 1 T		55.77
184CE2	25C5	184CE3	34.70	- (1) A C X 2 X - 3 40			16.25
184CE2	25C5	184CZ3	34.98	184CE2	0.6212816034034		63.76
184NE1	25C5	184CB	54.14	2 P. M. H. G. 8100208.	25C5		51.39
184NE1	25C5	184CZ2	32.74	184NE1	25C5		54.44
184NE1	25C5	184CA	56.07	184CB	25C5	184CE3	47.44
184CB	25C5	184CZ2	70.15	184CB	25 <b>C</b> 5	184CZ3	62.99
184CB	25C5	184CA	16.19	184CE3	25C5	184CZ2	37.12
184CE3	25C5	184CZ3	15.81	184CE3	25C5	184CA	62.73
184CZ2		184CZ3	29.69	184CZ2	2 <b>5</b> C5		79.60
184CZ3	25C5	184CA	77.85	184CD2	25C6	184CE3	19.98
184CD2	25C6	184CG	20.21	184CD2	25C6	184CB	36.83
184CD2	25C6	184CE2	17.00	184CD2	25 <b>C</b> 6	184CZ3	30.72
184CD2	25C6	184CD1	27.90	184CE3	25C6	184CG	37.11
184CE3	25C6	184CB	46.74	184CE3	25C6	184CE2	31.55
184CE3	25C6	184CZ3	16.21	184CE3	25C6	184CD1	47.70
184CG	25C6	184CB	20.58	184CG	25C6	184CE2	29.67
184CG	25C6	184CZ3	50.48	184CG	25C6	184CD1	15.71
184CB	25C6	184CE2	49.78	184CB	25C6	184CZ3	62.65
184CB	25C6	184CD1	32.55	184CE2	25C6	184CZ3	34.33
184CE2	25C6	184CD1	27.45	184CZ3	25C6	184CD1	57.71
			65.72			20C	13.67
		20N	42.52	200	25C7	180D1	88.27
200	25C7	19CD	74.17	200	25C7	20CA	32.34
		19NE2			25C7	190E1	87.32
		19C	42.11	184CD1	25C7	19CG	67.76
L84CD1	25C7	184NE1	21.55	184CD1	25C7	184CG	19.86
84CD1	25C7	180D1	84.02	184CD1	25C7	19CD	60.66
84CD1	25C7	184CE2	29.40	184CD1	25C7	184CB	34.91
.84CD1	25C7	19NE2	73.46	184CD1	25C7	184CD2	28.08
	10.3	•					e de la companya de l
				C 28		4. 31	

	· :		T	ABLE XIII			
184CD1	25C7	184CA	40.17	* > 0		1830	43.72
184CD1	25C7	190E1	47.61			in the second of the second	99.25
19CG	25C7	184NE1	69.79		25C7		86.16
19CG	25C7	20C	70.46	-	25C7		50.72
19CG	25C7	180D1	75.31	19CG	25C7	or initial costa, la tr	20.77
19CG	25C7	20CA	67.17	19CG	25C7	184CE2	86.39
19CG	25C7	184CB	91.37	19CG	25C7	DP93&AR2006 V	32.57
19CG	25C7	184CD2	94.84	19CG	25C7	184CA	78.19
19CG	25C7	1830	44.08	19CG	25C7	190E1	28.49
19CG	25C7	19C	38.77	184NE1	25C7	184CG	34.11
184NE1	25C7	19CD	55.36	184NE1	25C7	184CE2	16.60
184NE1	25C7	184CB	52.97	184NE1	25C7	19NE2	62.84
184NE1	25C7	184CD2	29.31	184NE1	25C7	184CA	61.52
184NE1	25C7	1830	60.91	184NE1	25C7	190E1	42.84
184CG	25C7	180D1	81.09	184CG	25C7	19CD	80.51
184CG	25C7	184CE2	31.09	184CG	25C7	184CB	19.37
184CG	25C7	19NE2	92.98	184CG	25C7	184CD2	17.53
184CG	25C7	184CA	33.64	184CG	25C7	1830	53.42
184CG	25C7	190E1	67.47	20C	25C7	20N	35.03
20C	25C7	180D1	76.84	20C	25C7	19CD	82.78
20C	25C7	20CA	20.30	20C	25C7	19NE2	76.56
20C	25C7	1830	97.75	20C	25C7	190E1	95.52
20C	25C7	19C	38.85	20N	25C7	180D1	48.08
20N	25C7	19CD	70.24	20N	25C7	20CA	19.43
20N	25C7	19NE2	74.34	20N	25C7	184CA	87.18
20N	25C7	1830	63.69	20N	25C7	190E1	79.16
20N	25C7	19C	12.46	180D1	25C7	19CD	1 7 1 1 1
180D1	25C7	20CA	56.55	180D1	25C7	184CB	64.46
180D1	25C7	184CD2	98.02	180D1	25C7	184CA	47.47
180D1	25C7	1830	48.16	180D1	25C7	190E1	93.80
180D1	25C7	19C	55.42	19CD	25C7	20CA	84.64
19CD	25C7	184CE2	71.23	19CD	25C7	184CB	91.94
19CD	25C7	19NE2	17.10	19CD	25C7	184CD2	83 77
19CD	25C7	184CA	84.58	19CD	25C7	1830	54.34
19CD	25C7	190E1	13.19	19CD	25C7	19C	57.87
20CA	25C7	19NE2	84.21	20CA	25C7	1830	82.52
20CA	25C7	190E1	95.40	20CA	25C7	19C	28.93
84CE2	25C7	184CB	50.04	184CE2	25C7	19NE2	76.55

			T.	ABLE XIII			
184CE2	25C7	184CD2	18.00	184CE2	25C7	184CA	64.00
184CE2	25C7	1830	72.92				59.12
184CB	25C7	184CD2	34.04	184CB	25C7		19.42
184CB	25C7	1830	50.23	184CB	25C7	法执行 医牙髓 化氯甲烷	79.91
19NE2	25C7	184CD2	92.14	19NE2			71.31
19NE2	25C7	190E1	27.20	19NE2	25C7		62.12
184CD2	25C7	184CA	50.81	184CD2	25C7	$H^{1}(\mathbb{R}^{3},\mathbb{R}^{3})\times \mathcal{F}^{2}$	69.19
184CD2	25C7	190E1	70.74	184CA	25C7	1830	34.36
184CA	25C7	190E1	74.90	184CA	25C7	19C	87.64
1830	25C7	190E1	48.64	1830	25C7	19C	59.18
190E1	25C7	19C	67.25	200	2508	20C	10.26
200	2508	19CG	58.52	200	2508		68.66
200	2508	19CD	71.25	200	2508	20CA	23.15
200	2508	20N	31.47	200	2508	21N	16.79
200	2508	21CA	28.59	20C	2508	19CG	64.70
20C	2508	19NE2	78.30	20C	2508	19CD	79.37
20C	2508	20CA	16.86	20C	2508	20N	30.40
20C	2508	21N	12.70	20C	2508	21CA	28.94
184NE1	2508	184CD1	18.63	184NE1	2508	19CG	59.96
184NE1	2508	19NE2	61.10	184NE1	2508	19CD	50.56
184NE1	2508	184CE2	16.07	184NE1	2508	20N	95.41
184NE1	2508	184CG	27.36	184CD1	2508	19CG	54.74
184CD1	2508	19NE2	67.50	184CD1	2508	19CD	52.79
184CD1	2508	184CE2	28.00	184CD1	2508	20CA	98.14
184CD1	2508	20N	81.88	184CD1	2508	184CG	15.43
19CG	2508	19NE2	32.50	19CG	2508	19CD	19.73
19CG	2508	184CE2	76.01	19CG	2508	20CA	58.57
	2508		42.57	19CG		184CG	68.67
· · · · ,	1 1 1.2	21N	75.23	19CG	2508	21CA	84.51
	2508	19CD	17.06	19NE2	2508	184CE2	74.74
	2508	20CA	80.50	19NE2	2508	20N	68.75
19NE2		184CG	82.83	19NE2	2508	21N	83.53
19NE2					2508	184CE2	66.00
		20CA		w 5. 51	2508		61.57
		184CG			2508	21N	87.76
	2508	21CA	92.52	184CE2	2508	184CG	27.48
20CA				20CA	2508	21N	28.61
20CA	2508	21CA	45.46	20N	2508	184CG	88.95

	TABLE XIII									
20N	2508	21N	43.10	20N	2508	21CA	58.85			
21N	2508	21CA	16.97	200	25C9	19NE2	82.43			
200	25C9	19CD	79.79	200	25C9	19CG	60.88			
200	25C9	20C	3.58	200	25C9	220	59.91			
200	25C9	184CD1	98.95	200	25C9	190E1	91.12			
200	25C9	22N	39.58	200	25C9	21CA	31.39			
200	25C9	210E1	65.02	19NE2	25C9	19CD	19.36			
19NE2	25C9	19CG	36.33	19NE2	25C9	184NE1	69.05			
19NE2	25C9	20C	86.00	19NE2	25C9	220	36.71			
19NE2	25C9	184CD1	71.62	19NE2	25C9	190E1	26.23			
19NE2	25C9	22N	69.60	19NE2	25C9	184CE2	82.17			
19NE2	25C9	21CA	96.36	19CD	25C9	19CG	21.85			
19CD	25C9	184NE1	54.74	19CD	25C9	20C	83.26			
19CD	25C9	220	50.79	19CD	25C9	184CD1	53.82			
19CD	25C9	190E1	12.53	19CD	25C9	22N	79.86			
19CD	25C9	184CE2	69.35	19CG	25C9	184NE1	61.67			
19CG	25C9	20C	64.10	19CG	25C9	220	53.24			
19CG	25C9	184CD1	53.39	19CG	25C9	190E1	30.83			
19CG	25C9	22N	72.73	19CG	25C9	184CE2	76.64			
19CG	25C9	21CA	87.99	184NE1	25C9	184CD1	16.96			
184NE1	25C9	190E1	43.53	184NE1	25C9	184CE2	15.12			
20C	25C9	220	62.84	20C	25C9	190E1	94.48			
20C	25C9	22N	40.82	20C	25C9	21CA	29.72			
20C	25C9	210E1	62.22	220	25C9	190E1	61.50			
220	25C9	22N	33.67	220	25C9	21CA	61.98			
220	25C9	210E1	90.36	184CD1	25C9	190E1	45.59			
184CD1	25C9	184CE2	27.01	190E1	25C9	22N	92.00			
190E1	25C9	184CE2		22N			28.69			
22N	25C9	210E1	58.53			210E1	A company of the comp			
200	25010		85.43				97.70			
200	25010		73.17	•			56.64			
200	25010		5.18		25010		86.37			
200	25010	21CA		•	25010	•	51.49			
200		21N			25010		70.79			
1000			67.40	200		4.143	28.18			
200	25010	20CA	. 177 . 11		25010	** *	68.78			
	25010		52.26		25010	21 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	20.65			
19NE2	25010	19CG		19NE2			96.61			

			T	ABLE XIII			
19NE	2 25010	22C	66.07			190E1	22.91
19NE	2 25010	22CA	82.67	19NE2	25010		43.12
19NE	2 25010	20N	84.11	19NE2	25010		64.93
19NE	2 25010	184NE1	62.68	19NE2	25010	23CA	53.12
220	25010	19CD	65.17	220	25010	19CG	68.00
220	25010	22N	45.38	220	25010	. The second second	81.85
220	25010	22C	15.92	220	25010	21CA	79.66
220	25010	21C	61.19	220	25010		79.35
220	25010	190E1	72.72	220	25010	22CA	30.41
220	25010	19CB	55.31	220	25010	20N	77.38
220	25010	23N	24.55	220	25010	20CA	82.51
220	25010	23CA	30.74	19CD	25010	19CG	24.88
19CD	25010	20C	99.46	19CD	25010	22C	80.69
19CD	25010	190E1	10.13	19CD	25010	22CA	93.93
19CD	25010	19CB	31.83	19CD	25010	20N	69.77
19CD	25010	23N	82.79	19CD	25010	20CA	87.09
19CD	25010	184NE1	49.90	19CD	25010	23CA	72.96
19CG	25010	22N	93.59	19CG	25010	20C	75.37
19CG	25010	22C	83.51	19CG	25010	21N	89.04
19CG	25010	190E1	32.51	19CG	25010	22CA	89.71
19CG	25010	19CB	14.55	19CG	25010	20N	45.05
19CG	25010	23N	91.20	19CG	25010	20CA	62.46
19CG	25010	184NE1	58.10	19CG	25010	23CA	87.28
22N	25010	20C	51.51	22N	25010	22C	36.02
22N	25010	21CA	34.76	22N	25010	21C	15.90
22N	25010	21N	40.79	22N	25010	22CA	16.92
22N	25010	19CB	79.30	22N	17	20N	69.27
22N	25010	23N	46.59		C.L. 37 L	20CA	61.11
22N	25010	210E1	66.06	and the second second			63.27
20C	25010		81.89		25010		35.03
20C	25010				25010	1	15.83
20C	25010	22CA	65.90		25010		68.42
20C	25010	20N	30.90		25010		95.35
20C	25010	•	14.07	20C	25010		66.77
22C	25010	21CA	70.57		25010		50.65
22C	25010		75.18			190E1	87.67
22C	25010	22CA	19.15		25010		70.26
22C	25010	20N	85.66			23N	14.18
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			T.A	BLE XIII			
22C	25010	20CA	86.38	22C	25010	210E1	94.63
22C	25010	23CA	28.51	21CA	25010	21C	20.23
21CA	25010	21N	19.26	21CA	25010	22CA	51.43
21CA	25010	19CB	95.98	21CA	25010	20N	65.09
21CA	25010	23N	79.47	21CA	25010	20CA	49.07
21CA	25010	210E1	39.22	21CA	25010	23CA	96.32
21C	25010	21N	32.16	21C	25010	22CA	31.67
21C	25010	19CB	90.80	21C	25010	20N	71.25
21C	25010	23N	59.25	21C	25010	20CA	58.84
21C	25010	210E1	50.69	21C	25010	23CA	76.11
21N	25010	22CA	57.03	21N	25010	19CB	80.04
21N	25010	20N	45.98	21N	25010	23N	87.15
21N	25010	20CA	29.82	21N	25010	210E1	54.21
190E1	25010	19CB	41.46	190E1	25010	20N	77.43
190E1	25010	23N	87.76	190E1	25010	20CA	94.86
190E1	25010	184NE1	41.58	190E1	25010	23CA	75.81
22CA	25010	19CB	75.23	22CA	25010	20N	77.28
22CA	25010	23N	30.13	22CA	\$ 10 to \$45.00 to	20CA	73.19
22CA	25010	210E1	78.69	22CA	25010	23CA	46.56
19CB	25010	20N	41.01	19CB	25010	23N	79.42
19CB	25010	20CA	57.32	19CB	25010 1	84NE1	72.38
19CB	25010	23CA	78.47	20N	25010	23N	99.51
20N	25010	20CA	17.43	20N	25010 1	84NE1	88.50
20N	25010	210E1	96.89	23N	25010	210E1	95.90
23N	25010	23CA	16.87	20CA	25010	210E1	79.48
19NE2	25C11	19CD	13.29	19NE2	25C11 1	84NE1	59.74
19NE2	25C11	220	32.16	19CD	25C11 1	84NE1	46.55
19CD	25C11	220	44.12	184NE1	25C11	220	89.70
19NE2	25C12	220	39.61			23CA	60.70
19NE2	25C12		55.91		25C12		65.25
19NE2	25C12	224OH2	93.02	19NE2	25C12	22N	67.68
19NE2	25C12	19CD	8.19	19NE2	25C12	200	56.75
220	25C12	23CA	39.57	220	25C12	22C	16.82
220	25C12	23N	31.30	220	25C12 2	240H2	75.08
220	25C12	22N	34.48	220	25C12	19CD	46.01
11 to 11	25C12		50.49	23CA	25C12	22C	33.54
	25C12		19.76	23CA	25C12 2	240H2	36.28
23CA	25C12	22N	62.96	23CA	25C12	19CD	68.87
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TABLE XIII							
23CA	25C12	200	89.77	22C	25C12	23N	17.94
22C	25C12	224OH2	64.69	22C	25C12	22N	29.81
22C	25C12	19CD	62.67	22C	25C12	200	58.58
23N	25C12	224OH2	46.80	23N	25C12	The Mark Street	44.68
23N	25C12	19CD	73.05	23N	25C12	200	76.44
2240H2	25C12	22N	89.06	22N	25C12	19CD	71.05
22N	25C12	200	37.38	19CD	25C12	200	54.60
210E1	25C13	22N	66.00	210E1	25C13	22C	95.57
210E1	25C13	220	97.18	210E1	25C13	21C	51.73
22N	25C13	22C	29.65	22N	25C13	23N	43.65
22N	25C13	220	33.57	22N	25C13	21C	15.61
22N	25C13	23CA	58.56	22C	25C13	23N	16.28
22C	25C13	220	14.98	22C	25C13	21C	44.10
22C	25C13	23CA	29.00	23N	25C13	220	27.57
23N	25C13	21C	56.18	23N	25C13	23CA	17.03
220	25C13	21C	49.18	220	25C13	23CA	33.12
21C	25C13	23CA	72.30	22N	25C14	21C	21.24
22N	25C14	22C	38.14	22N	25C14	210E1	82.54
22N	25C14	23N	56.21	22N	25C14	22CA	22.02
22N	25C14	21CA	36.01	22N	25C14	210	33.22
22N	25C14	220	40.42	22N	25C14	23CA	70.62
22N	25C14	200	41.05	22N	25C14	21CB	49.85
22N	25C14	21CD	75.68	21C	25C14	22C	58.12
21C	25C14	210E1	65.17	21C	25C14	23N	74.13
21C	25C14	22CA	37.70	21C	25C14	21CA	21.82
21C	25C14	210	17.02	21C	25C14	220	61.64
21C	25C14	23CA	90.21	21C	25C14	200	46.27
21C	25C14	21CB	30.54	21C	25C14	21CD	59.45
22C	25C14	23N	20.02	22C	25C14	22CA	22.87
22C	25C14	21CA	73.72	22C	25C14	210	63.62
	25C14		16.99				
22C	25C14	200	63.32	22C	25C14	21CB	87.93
210E1	25C14	21CA	46.55	210E1	25C14	210	68.11
210E1	25C14	200	64.41	210E1	25C14	21CB	34.92
210E1	25C14	21CD	7.92				
23N	25C14	21CA	92.21	23N	25C14	210	75.11
23N			32.42				17.87
23N	25C14	200	82.87			21CA	56.88

n Right New		T	ABLE XIII		
22CA	25C14 210	40.83	22CA	25C14 220	34.41
22CA	25C14 23C	53.03	22CA	25C14 200	60.12
22CA	25C14 21CE	68.24	22CA	25C14 21CD	96.45
21CA	25C14 210	34.25	21CA	25C14 220	71.57
21CA	25C14 200	35.31	21CA	25C14 21CB	17.17
21CA	25C14 21CI	39.72	210	25C14 220	71.78
210	25C14 23CA	92.77	210	25C14 200	63.21
210	25C14 21CE	34.50	210	25C14 21CD	64.40
220	25C14 23CA	37.01	220	25C14 200	51.83
220	25C14 21CB	88.01	23CA	25C14 200	88.32
200	25C14 21CB	50.65	200	25C14 21CD	56.60
21CB	25C14 21CD	30.13	210E1	25C15 21CD	12.20
210E1	25C15 21NE	2 26.50	210E1	25C15 21CA	39.20
210E1	25C15 200	65.35	21CD	25C15 21NE2	16.43
21CD	25C15 21CA	39.53	21CD	25C15 200	59.46
21NE2	25C15 21CA	53.49	21NE2	25C15 200	65.84
21CA	25C15 200	32.72	19NE2	25C16 19CD	16.53
19NE2	25C16 162ND	1 88.72	19NE2	25C16 19OE1	31.45
19NE2	25C16 162CE	1 76.13	19NE2	25C16 184NE1	68.38
19NE2	25C16 184CE	2 84.59	19NE2	25C16 25SG	70.09
19NE2	25C16 23CA	54.01	19NE2	25C16 220	29.07
19CD	25C16 162ND	77.07	19CD	25C16 19OE1	16.88
19CD	25C16 162CE	1 62.31	19CD	25C16 184NE1	52.74
19CD	25C16 184CZ	2 85.13	19CD	25C16 184CE2	69.00
19CD	25C16 25SG	69.54	19CD	25C16 23CA	69.33
19CD	25C16 22O	45.46	162ND1	25C16 19OE1	60.33
162ND1	25C16 162CE		162ND1	25C16 184NE1	63.79
				25C16 184CE2	
				25C16 162CE1	
				25C16 184CZ2	
190E1	25C16 184CE2	61.18	190E1	25C16 25SG	59.93
190E1	25C16 23CA	78.49	190E1	25C16 220	60.19
162CE1	25C16 184NE1	47.41	162CE1	25C16 184CZ2	52.59
				25C16 25SG	
				25C16 184CE2	16.26
	25C16 25SG	and the second second		25C16 220	94.69
				25C16 23CA	63.45
25SG	25C16 220	79.20	23CA	25C16 220	32.47

		T.	ABLE XIII		
19NE2	2 25017 184NE1	87.64	19NE2	25017 162CE1	97.12
19NE2	25017 190E1	40.11	19NE2	25017 19CD	22.12
19NE2	25017 184CD1	77.66	19NE2	25017 25СВ	62.38
19NE2	25017 25SG	74.14	19NE2	25017 19CG	26.63
184NE1	25017 162CE1	65.10	184NE1	25017 162ND1	86.13
184NE1	25017 190E1	60.63	184NE1	25017 19CD	67.63
184NE1	25017 184CZ2	42.58	184NE1	25017 184CE2	20.97
184NE1	25017 162NE2	55.54	184NE1	25017 162CG	83.50
184NE1	25017 184CD1	10.23	184NE1	25017 25CB	94.14
184NE1	25017 19CG	61.07	184NE1	25017 162CD2	67.31
184NE1	25017 184CH2	48.57	162CE1	25017 162ND1	23.08
162CE1	25017 190E1	59.61	162CE1	25017 19CD	80.14
162CE1	25017 184CZ2	69.34	162CE1	25017 184CE2	67.58
162CE1	25017 162NE2	14.63	162CE1	25017 162CG	29.19
162CE1	25017 184CD1	69.18	162CE1	25017 25CB	46.12
162CE1	25017 25SG	57.25	162CE1	25017 19CG	86.83
162CE1	25017 162CD2	22.83	162CE1	25017 184CH2	73.20
162ND1	25017 190E1	77.34	162ND1	25017 19CD	96.95
162ND1	25017 184CZ2	77.78	162ND1	25017 184CE2	83.59
162ND1	25017 162NE2	30.71	162ND1	25017 162CG	13.98
162ND1	25017 184CD1	91.47	162ND1	25017 25CB	47.42
162ND1	25017 25SG	46.98	162ND1	25017 162CD2	23.75
162ND1	25017 184CH2	79.38	190E1	25017 19CD	20.54
190E1	25017 184CZ2	99.66	190E1	25017 184CE2	80.49
190E1	25017 162NE2	66.69	190E1	25017 162CG	88.06
190E1	25017 184CD1	53.52	190E1	25017 25CB	44.71
190E1	25017 25SG	67.03	190E1	25017 19CG	28.75
190E1	25017 162CD2	81.23	19CD	25017 184CE2	88.60
	25017 162NE2			25017 184CD1	58.23
19CD	25017 25CB	57.61	19CD	25017 25SG	76.46
19CD	25017 19CG	12.28	184CZ2	25017 184CE2	21.82
184CZ2	25017 162NE2	54.71	184CZ2	25017 162CG	66.69
184CZ2	25017 184CD1	52.41	184CZ2	25017 162CD2	54.17
184CZ2	25017 184CH2	6.39	184CE2	25017 162NE2	54.32
	25017 162CG			25017 184CD1	30.61
184CE2	25017 19CG	81.59	184CE2	25017 162CD2	60.79
	25017 184CH2		162NE2	25017 162CG	29.72
162NE2	25017 184CD1	61.67	162NE2	25017 25CB	60.57

		7	ABLE XIII		
162NE2		71.37	162NE2	25017 19CG	90.84
162NE2	2 25017 162CD2	15.82	162NE2	25017 184CH2	58.64
162CG	25017 184CD1	90.78	162CG	25017 25CB	61.39
162CG	25017 25SG	59.43	162CG	25017 162CD2	16.23
162CG	25017 184CH2	67.39	184CD1	25017 25CB	91.37
184CD1	25017 19CG	51.04	184CD1	25017 162CD2	74.86
184CD1	25017 184CH2	58.22	25CB.	<b>25</b> 017 25SG	23.19
25CB	25017 19CG	69.56	25CB	25017 162CD2	65.94
25SG	25017 19CG	88.74	25SG	25017 162CD2	70.29
162CD2		56.25	19NE2	25N18 25SG	74.49
19NE2	25N18 162ND1	81.92	19NE2	25N18 23CA	57.55
19NE2		93.53	19NE2	25N18 162CE1	67.31
19NE2		12.59	19NE2	25N18 25CB	55.64
19NE2		26.71	25SG	25N18 162ND1	48.92
25 <i>S</i> G	25N18 1610	67.41	25SG	25N18 23CA	74.24
25SG	25N18 224OH2	87.02	25SG	25N18 162CE1	53.82
25SG	25N18 19CD	69.72	25SG	25N18 25CB	21.75
25 <i>S</i> G	25N18 19OE1	60.33	162ND1	25N18 1610	62.58
162ND1	25N18 162CE1	16.19	162ND1	25N18 19CD	69.87
162ND1	25N18 25CB	43.26	162ND1	25N18 190E1	55.30
1610	25N18 224OH2	98.16	1610	25N18 162CE1	78.73
1610	25N18 25CB	84.03	23CA	25N18 224OH2	36.29
23CA	25N18 19CD	68.30	23CA	25N18 25CB	74.55
23CA	25N18 190E1	77.72	2240H2	25N18 25CB	98.57
162CE1	25N18 19CD	54.91	162CE1	25N18 25CB	40.63
162CE1	25N18 190E1	40.66	19CD	25N18 25CB	48.94
19CD	25N18 190E1	14.63	25CB	25N18 19OE1	38.63
25SG	25N19 162ND1	68.67	25SG	25N19 1610	97.88
25SG	25N19 25CB	26.20	25SG	25N19 162CE1	69.25
25 <b>S</b> G	25N19 162CA	69.30	25SG	25N19 162CG	76.89
25 <b>S</b> G	25N19 19NE2	81.47	25SG	25N19 162CB	81.47
25SG	25N19 161C	91.20	25SG	25N19 23CA	80.48
25 <i>S</i> G	25N19 162N	79.54	25 <i>S</i> G	25N19 19OE1	67.38
25 <i>S</i> G	25N19 224OH2	96.97	162ND1	25N19 1610	84 02
162ND1	25N19 25CB	55.97	162ND1	25N19 162CE1	17.34
162ND1	25N19 162CA	46.46	162ND1	25N19 162CG	15.15
162ND1	25N19 19NE2	86.65	162ND1	25N19 162CB	34.28
162ND1	25N19 161C	76.02	162ND1	25N19 162N	61.82
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			The state of the s	• :	•
162ND1	25N19 190E1	TABLE			
1610	그 사용됐다는 교육하다	59.63 16		9 162CA	41.35
	25N19 162CG	69.81 16		9 162CB	49.97
1610	25N19 161C	8.90 16		9 162N	24.76
25CB	25N19 162CE1		The state of the s	9 162CA	78.03
25CB	25N19 162CG	68.95 2	5CB 25N1	9 19NE2	60.40
25CB	25N19 162CB		5CB 25N1	9 23CA	80.10
25CB	25N19 162N	92.77 2	5CB 25N1	190E1	41.65
162CE1	기가 가지는 그리다 중에 살전한 독자의	63.58 16	2CE1 25N19	162CG	31.41
162CE1	25N19 19NE2	69.42 162	CE1 25N19	162CB	51.18
162CE1	25N19 161C	93.28 162	CE1 25N19	162N	79.16
162CE1	25N19 19OE1	42.84 162	CA 25N19	162CG	35.79
162CA	25N19 162CB	20.40 162	CA 25N19	161C	32.47
162CA	25N19 162N	16.68 162	CG 25N19	162CB	19.86
162CG	25N19 161C	62.27 162	CG 25N19	162N	49.28
162CG	25N19 19OE1	74.24 19	NE2 25N19	23CA	51.93
19NE2	25N19 19OE1	27.73 19	NE2 25N19	2240H2	83.06
162CB	25N19 161C	42.44 162		162N	30.28
162CB	25N19 19OE1	93.88 161		162N	15.85
23CA	25N19 19OE1	74.91 23		2240H2	33.48
19NE2	25N20 184NE1		NE2 25N20		16.40
19NE2	25N20 200			184CE2	83.41
19NE2	25N20 184CZ2			184CD1	65.86
19NE2	25N20 19OE1		NE2 25N20		28.13
184NE1	25N20 19CD	51.81 184		200	92.93
184NE1	25N20 184CE2	17.64 184			33.11
184NE1	25N20 184CD1		NE1 25N20	190E1	41.63
184NE1	25N20 19CG		CD 25N20		61.53
19CD	25N20 184CE2	69.14 19	CD 25N20	184072	80 03
19CD	25N20 184CD1	49.60 19	CD 25N20	19061	13 44
19CD	25N20 19CG	17.37 200	25N20	184CD1	70 02
200	25N20 19OE1	74.00 200	25N20	1900	15.02
184CE2	25N20 184CZ2	17.72 1840	TE2 25N20	184CD1	27 20
184CE2	25N20 19OE1	58.12 1840	TE2 25N20	1900	70.00
184CZ2	25N20 184CD1	44.82 1840	772 25N20	19051	60 20
184CZ2	25N20 19CG	87.39 1840	יטבונג בבי	19051	43 00
184CD1	25N20 19CG	47.27 190	)E1 25M20	1900	43.08
25SG	25C21 25CB	34.16 259		25N	
	25C21 162ND1			530 52M	DY.13
		233	23021	230	70.DJ

			T.	ABLE XIII		
25SG	25C21	25CA	41.14	25SG	25C21 1610	90.20
25 <b>S</b> G	25C21	162CE1	64.32	25SG	25C21 24N	94.43
25SG	25C21	190E1	78.34	25SG	25C21 162CA	58.84
25SG	25C21	19CD	91.01	25 <i>S</i> G	25C21 26N	32.55
25SG	25C21	25C	28.93	25SG	25C21 24C	64.37
25SG	25C21	162CG	63.81	25SG	25C21 163N	30.18
25CB	25C21	25N	41.43	25CB	25C21 162ND1	57.90
25CB	25C21	23C	92.08	25CB	25C21 230	94.39
25CB	25C21	25CA	20.31	25CB	25C21 19NE2	70.68
25CB	25C21	162CE1	48.50	25CB	25C21 24N	77.34
25CB	25C21	190E1	44.80	25СВ	25C21 162CA	77.90
25CB	25C21	19CD	56.86	25СВ	25C21 26N	42.39
25CB	25C21	25C	26.69	25CB	25C21 24C	49.86
25CB	25C21	162CG	64.53	25CB	25C21 163N	55.35
25N	25C21	162ND1	98.16	25N	25C21 23CA	69.54
25N	25C21	23C	50.81	25N	25C21 230	54.24
25N	25C21	25CA	21.67	25N	25C21 19NE2	62.10
25N	25C21	162CE1	85.44	25N	25C21 24N	37.13
25N	25C21	190E1	55.93	25N	25C21 19CD	56.26
25N	25C21	26N	35.66	25N	25C21 25C	30.32
25N	25C21	24C	8.74	25N	25C21 163N	88.85
162ND1	25C21	25CA	78.14	162ND1	25C21 19NE2	
162ND1	25C21	1610	65.36	162ND1	25C21 162CE1	16.67
162ND1	25C21	190E1	59.98	162ND1	25C21 162CA	39.67
162ND1	25C21	19CD	72.99	162ND1	25C21 26N	92.87
162ND1	25C21	25C	80.82	162ND1	25C21 162CG	9.83
162ND1	25C21	163N	47.12	23CA	25C21 23C	22.59
23CA	25C21	230	35.84	23CA	25C21 25CA	90.84
23CA	25C21	19NE2	61.29	23CA	25C21 224OH2	38.65
23CA	25C21	24N	32.44	23CA	25C21 19OE1	87.52
23CA	25C21	19CD	73.32	23CA	25C21 26N	93.91
23CA	25C21	25C	97.86	23CA	25C21 24C	62.65
23C	25C21	230	18.06	23C	25C21 25CA	72.44
					25C21 224OH2	
					25C21 19OE1	
23C						71.38
23C						42.81
			74.11		25C21 19NE2	

		$\mathbf{T}$	ABLE XIII		W
230	25C21 224OH2			25C21 24N	29.95
230	25C21 19CD	90.88	230	25C21 26N	63.28
230	25C21 25C	72.90	230	25C21 24C	45.50
25CA	25C21 19NE2	68.27	25CA	25C21 162CE1	67.59
25CA	25C21 24N	58.61	25CA		50.41
25CA	25C21 162CA	95.22	25CA	25C21 19CD	57.40
25CA	25C21 26N	30.73	25CA	25C21 25C	16.57
25CA	25C21 24C	29.77	25CA		84.82
25CA	25C21 163N	69.11	19NE2		68.48
19NE2	25C21 224OH2	93.44	19NE2	Act and the second seco	55.94
19NE2	25C21 19OE1	29.51	19NE2	25C21 19CD	14.63
19NE2	25C21 26N	96.37	19NE2	25C21 25C	84.76
19NE2	25C21 24C	64.60	19NE2	25C21 162CG	93.25
1610	25C21 162CE1	81.61	1610	25C21 162CA	35.10
1610	25C21 162CG	55.78	1610	25C21 163N	60.78
162CE1	25C21 19OE1	43.32	162CE1	25C21 162CA	55.76
162CE1	25C21 19CD	56.63	162CE1	25C21 26N	88.80
162CE1	25C21 25C	74.35	162CE1	25C21 24C	94.10
162CE1	25C21 162CG	26.49	162CE1	25C21 163N	57.15
2240Н2	25C21 24N	67.70	2240H2	25C21 24C	94.80
24N	25C21 19OE1	70.64	24N	25C21 19CD	60.95
24N	25C21 26N	64.52	24N	25C21 25C	65.81
24N	25C21 24C	30.33	190E1	25C21 162CA	98.48
190E1	25C21 19CD	15.08	190E1	25C21 26N	81.12
190E1	25C21 25C	66.02	190E1	25C21 24C	62.63
190E1	25C21 162CG	69.79	190E1	25C21 163N	90.46
162CA	25C21 26N	89.91	162CA	25C21 25C	87.29
162CA	25C21 162CG	30.51	162CA	25C21 163N	28.80
19CD	25C21 26N	87.36	19CD	25C21 25C	73.91
19CD	25C21 24C	60.95	19CD	25C21 162CG	82.63
26N	25C21 25C	15.95	26N	25C21 24C	37.06
26N	25C21 162CG	95.38	26N	25C21 163N	61.27
25C	25C21 24C	35.55	25C	25C21 162CG	85.16
25C	25C21 163N	58.98	24C	25C21 163N	94.51
162CG	25C21 163N	42.83	25SG	25022 25CB	38.49
25SG	25022 25N	68.14	25SG	25022 25CA	51.61
25SG	25022 230	92.70	25SG	25022 190E1	92.24
25SG	25022 162ND1	54.00	25SG	25022 24C	76.75

25 <i>S</i> G	25022	162CE1	62.63	ABLE XIII		
25SG			41.17		25022 24CA	
19NE			90.81	25SG	25022 26N	1177177
19NE	44.4 <u>,219</u> 7.7	A	82.91	19NE2		83.72
19NE			85.84		7 / A	90.92
19NE	The North Action		18.29			75.03
19NE			40.88	19NE2		
19NE	i i	. 1444 - Million	82.04	19NE2	25022 162ND1	
19NE2	V			19NE2		71.12
19NE2			54.65	19NE2		80.86
25CB	and the state of t			19NE2		99.55
25CB	W. 100 W.	24N	47.57	25CB	25022 25CA	24.14
25CB	25022	190E1	93.92	25CB	25022 19CD	72.69
25CB	25022	24C	55.94	25CB	25022 162ND1	
25CB			58.84	25CB	25022 162CE1	医三氯磺胺 医甲基二氏
25CB	25022	24CA 26N	78.52	25CB	25022 25C	26.37
23CA	25022		39.92	23CA	25022 25N	86.84
23CA	25022	23C	27.45	23CA	25022 24N	40.92
23CA	25022	230 220	40.51	23CA	25022 19CD	98.21
23CA	25022	220 23N	43.20	23CA	25022 24C	75.56
23CA	25022	23N 24CA	12.75	23CA	25022 2240Н2	
25N	25022	*	55.88	23CA	25022 22C	29.08
25N	25022	23C	61.42	25N	25022 25CA	23.44
25N	25022	24N	46.54	25N	25022 230	61.31
25N	25022	19CD	72.72	25N	25022 190E1	도 업체 라틴글
25N	25022	220	78.77	25N	25022 24C	11.28
25N	25022	23N	87.24	25N	25022 162CE1	91.85
	25022	24CA	30.96	25N	25022 22C	83.18
100	25022	- W	27.52			31.88
		··. ·	10.47	23C	25022 24N	
	25022				25022 19CD	98.72
			34.36	23C	25022 24C	50.34
23C	25022	2407	34.26	23C	25022 2240H2	
23C	25022				25022 22C	43.43
	25022				25022 26N	74.42
			69.81		25022 230	
25CA	25022				25022 190E1	59.53
	25022		34.73		25022 162ND1	
		230	24.12	∠3CA	25022 162CE1	69.68

1			T	ABLE XIII			
25CA	25022	24CA	54.41		25022	25C	13.77
25CA	25022	26N	28.59	24N	25022	230	35.89
24N	25022	19CD	79.36	24N	25022	190E1	90.36
24N	25022	220	44.09	24N	25022	24C	35.42
24N	25022	23N	40.92	24N	25022	2240H2	75.53
24N	25022	24CA	16.33	24N	25022	22C	41.01
24N	25022	25C	72.48	24N	25022	26N	69.02
230	25022	220	72.38	230	25022	24C	51.99
230	25022	23N	50.70	230	25022	2240H2	53.17
230	25022	24CA	37.85	230	25022	22C	62.29
230	25022	25C	75.63	230	25022	26N	63.41
19CD	25022	190E1	19.08	19CD	25022	220	55.19
19CD	25022	162ND1	80.93	19CD	25022	24C	75.07
19CD	25022	23N	86.19	19CD	25022	162CE1	63.77
19CD	25022	24CA	80.05	19CD	25022	22C	69.54
19CD	25022	25C	84.09	19CD	25022	26N	98.42
190E1	25022	220	73.71	190E1	25022	162ND1	64.15
190E1	25022	24C	75.30	190E1	25022	162CE1	46.77
190E1	25022	24CA	86.24	190E1	25022	22C	88.09
190E1	25022	25C	72.43	190E1	25022	26N	87.99
220	25022	24C	70.73	220	25022	23N	31.00
220	25022	2240H2	78.01	220	25022	24CA	57.51
220	25022	22C	14.38	162ND1	25022	162CE1	17.38
162ND1	25022	25C	77.53	162ND1	25022	26N	86.27
24C	25022	23N	76.28	24C	25022	24CA	19.68
24C	25022	22C	73.43	24C	25022	25C	37.56
24C	25022	26N	38.26	23N	25022	224OH2	48.26
23N	25022	24CA	57.15	23N	25022	22C	16.66
162CE1	25022	25C	74.28	162CE1	25022	26N	86.57
224OH2	25022	24CA	86.57	2240H2	25022	22C	63.94
24CA	25022	22C	56.72	24CA	25022	25C	56.18
24CA	25022	26N	53.14	25C	25022	26N	15.75
610D1	25C23	590	92.71	610D1	25C23 2	640H2	51.41
610D1	25C23	61CG	13.18	610D1	25C23	610D2	26.94
610D1	25C23	59C	87.40	590	25C23	67CD2	91.32
590	25C23 2	2640H2	79.96	590	25C23	61CG	79.93
590	25C23	610D2	71.08	590	25C23	59C	5.39
67CE2	25C23	67CD2	18.11	67CD2	25C23	59C	92.59

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TABLE XIII

			1991 N <b>17</b> /	ABLE XIII			
2640H2	25C23	61CG	46.02	2640H2	25C23	610D2	33.75
2640H2	25C23	59C	77.27	61CG	25C23		15.44
61CG	25C23	59C	74.68	610D2	25C23		66.25
590	25C24	60ND2	58.48	590	25C24	60CA	44.55
590	25C24	59C	9.80	590	25C24	61CG	88.32
590	25C24	60C	54.30	590	25C24		71.19
590	25C24	60N	26.62	590	25C24	700D1	52.26
590	25C24	610D2	75.43	590	25C24		60.01
590	25C24	60CB	55.47	590	25C24	67N	96.69
610D1	25C24	60CA	80.24	610D1	25C24	59C	97.84
610D1	25C24	61CG	15.04	610D1	25C24	66CA	87.60
610D1	25C24	60C	61.23	610D1	25C24	61N	50.12
610D1	25C24	60N	89.60	610D1	25C24	610D2	27.04
610D1	25C24	60CB	87.33	610D1	25C24	650	55.48
67CD2	25C24	60ND2	70.35	67CD2	25C24	67CE2	21.12
67CD2	25C24	66CA	60.05	67CD2	25C24	700D1	65.25
67CD2	25C24	60CG	77.71	67CD2	25C24	60CB	94.80
67CD2	25C24	67N	38.69	67CD2	25C24	66C	42.86
67CD2	25C24	650	91.74	67CD2	25C24	67CG	7.62
60ND2	25C24	67CE2	91.22	60ND2	25C24	60CA	41.72
60ND2	25C24	59C	52.47	60ND2	25C24	66CA	51.12
60ND2	25C24	60C	59.58	60ND2	25C24	61N	66.53
60ND2	25C24	60N	44.60	60ND2	25C24	700D1	41.24
60ND2	25C24	60CG	12.36	60ND2	25C24	60CB	29.62
60ND2	25C24	67N	38.69	60ND2	25C24	66C	49.79
60ND2	25C24	650	68.79	60ND2	25C24	67CG	64.10
67CE2	25C24	66CA	70.56	67CE2	25C24	700D1	82.90
67CE2			97.67	67CE2	25C24	67N	56.69
	25C24			67CE2		650	96.69
67CE2	25C24		28.20	60CA	25C24	59C	34.75
			65.91		25C24	66CA	65.63
	25C24		19.12	e e e e e e e e e e e e e e e e e e e		61N	32.35
	25C24		17.94				70.97
	25C24		62.09			60CG	32.72
	25C24	120	16.35	The second second		67N	73.13
	25C24	- 12 - 35 1	76.33	State of the state	25C24		56.57
	25C24		83.18	N. 13. ACC 12.	25C24	1.4	96.04
59C	25C24	60C	45.42	59C	25C24	61N	62.28

WO 97/1	6177					1	PCT/US96/17512
		450. 20. sept. 20					
59C	25C24	60N		BLE XIII			
59C	25C24		16.82 71.72	59C	25C24	700D1	
59C	25C24	60CB	46.02	59C	25C24	60CG	52.21
59C	25C24	650	91.18	59C 61CG	25C24	67N	
61CG	1 1 1 1 1 1 1 1 1 1	60C	46.79	61CG	25C24	66CA	85.83
61CG		60N	74.56	61CG	25C24	61N	37.73
61CG	25C24	60CG	92.19	61CG	25C24	610D2	
61CG	25C24	650	52.44	66CA	25C24	60CB	74.64
66CA	25C24	61N	60.35	66CA	25C24	60C	69.53
66CA	25C24	700D1	85.92	66CA	25C24	60N	81.05
66CA	25C24	60CG	45.49	66CA	25C24	610D2	97.05
66CA	25C24	67N	29.45	66CA	25C24	60CB	50.81
66CA	25C24	650	33.39	66CA	25C24 25C24	66C	17.50
60C	25C24	61N	16.90	60C		67CG	60.31
60C	25C24	700D1	89.71	60C	25C24	60N	31.03
60C	25C24	60CG	49.02	60C	25C24 25C24	610D2	43.83
60C	25C24	67N	85.40	60C	25C24	60CB	30.73
60C	25C24	650	49.16	61N	25C24	66C	84.14
61N	25C24	610D2	41.00	61N	25C24	60N 60CG	47.32
61N	25C24	60CB	37.23	61N	25C24	67N	54.47
61N	25C24	66C	77.02	61N		650	82.57
60N	25C24	700D1	61.08	60N		610D2	34.06
60N	25C24	60CG	40.42	60N			66.32 30.28
60N	25C24	67N	81.86				88.80
60N	25C24		74.46				53.02
700D1	and the second of	60CB	66.53	700D1		67N	60.32
700D1	25C24	66C	75.88			67CG	57.76
610D2	25C24	60CG	92.66	2.5	25C24		74.33
610D2	25C24	650	64.27	and the second of the second		60CB	18.33
60CG	25C24		41.67	17 Walder 1			48.95
60CG	25C24		57.71		25C24		72.33
60CB	25C24	the second of the file of the	56.95	15 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14.7	56C	60.17
60CB	25C24	650	49.72				90.00
67N	25C24		15.58		25C24		62.20
67N	25C24	to the contract of the	35.72	66C	25C24		50.68
66C	25C24	67CG	42.81	650	25C24	7CG	93.15
66CA	11.0	67CD2	74.47	66CA	25C25	7CE2	88.53
66CA	25C25	60ND2	59.31	66CA	25C25	6N	21.62
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			TA	BLE XIII			
66CA	25C25	650	44.29	66CA	25C25	66C	21.53
66CA	25C25	65C	36.30	66CA	25C25	60CA	74.60
66CA	25C25	61N	73.02	66CA	25C25	67N	33.98
66CA	25C25	60C	79.39	66CA	25C25	60CG	50.06
66CA	25C25	660	28.68	66CA	25C25	60CB	56.47
66CA	25C25	61CB	88.35	66CA	25C25	67CG	69.03
66CA	25C25	67CZ	89.74	610D1	25C25	66N	99.44
610D1	25C25	650	70.37	610D1	25C25	65C	80.66
610D1	25C25	60CA	81.54	610D1	25C25	61CG	15.19
610D1	25C25	61N	55.29	610D1	25C25	590	88.76
610D1	25C25	60C	62.96	610D1	25C25	60CB	93.30
610D1	25C25	61CB	28.06	610D1	25C25		23.60
67CD2	25C25	67CE2	22.80	67CD2	25C25	60ND2	71.72
67CD2	25C25	66N	86.08	67CD2	25C25	66C	52.97
67CD2	25C25	590	98.99	67CD2	25C25	67N	45.03
67CD2	25C25	60CG	81.76	67CD2	25C25	660	50.77
67CD2	25C25	67CG	6.70	67CD2	25C25	67CZ	27.35
67CE2	25C25	60ND2	94.29	67CE2	25C25	66N	93.17
67CE2	25C25	66C	67.80	67CE2	25C25	67N	64.98
67CE2	25C25	660	60.61	67CE2	25C25	67CG	29.23
67CE2	25C25	67CZ	4.94	60ND2	25C25	66N	80.00
60ND2	25C25	650	81.55	60ND2	25C25	66C	58.26
60ND2	25C25	65C	87.34	60ND2	25C25	60CA	40.17
60ND2	25C25	61N	69.84	60ND2	25C25	590	49.72
60ND2	25C25	67N	43.92	60ND2	25C25	60C	58.97
60ND2	25C25	60CG	15.02	60ND2	25C25	660	71.48
60ND2	25C25	60CB	31.11	60ND2	25C25	67CG	65.78
60ND2	25C25	610D2	99.69	60ND2	25C25		and the second second
66N	25C25	650	33.95		25C25		36.67
66N	25C25	65C	19.02		25C25		86.34
66N	25C25	61CG	95.07				72.60
	25C25	* * * * * * * * * * * * * * * * * * *	53.18		25C25		84.37
66N	25C25		68.93		1		35.32
56N	25C25		70.27				77.27
	25C25		82.14				92.55
550	25C25		65.47	• • •			17.60
550			65.59		25C25	٠.	62.59
550	25C25	61N	40.94	650	25C25	67N	77.29
	:						

			TA	BLE XIII			
650	25C25	60C	55.85	650	25C25	60CG	66.65
650	25C25	660	68.27	650	25C25	60CB	56.61
650	√ .25C25	61CB	44.60	650	25C25	610D2	71.81
66C	25C25	65C	54.91	66C	25C25	60CA	86.39
66C	25C25	61N	92.94	66C	25C25	67N	17.99
66C	25C25	60C	96.20	66C	25C25	60CG	55.13
66C	25C25	660	13.59	66C	25C25	60CB	68.10
66C	25C25	67CG	47.70	66C	25C25	67CZ	69.56
65C	25C25	60CA	80.60	65C	25C25	61CG	76.13
65C	25C25	61N	58.52	65C	25C25	67N	70.10
65C	25C25	60C	73.03	65C	25C25	60CG	73.62
65C	25C25	660	54.32	65C	25C25	60CB	68.42
65C	25C25	61CB	58.45	65C	25C25	610D2	86.99
60CA	25C25	61CG	66.63	60CA	25C25	61N	34.12
60CA	25C25	590	39.03	60CA	25C25	67N	78.67
60CA	25C25	60C	19.48	60CA	25C25	60CG	33.49
60CA	25C25	660	99.43	60CA	25C25	60CB	18.48
60CA	25C25	61CB	63.35	60CA	25C25	610D2	59.93
61CG	25C25	61N	40.61	61CG	25C25	590	78.90
61CG	25C25	60C	47.83	61CG	25C25	60CG	96.99
61CG	25C25	60CB	78.15	61CG	25C25	61CB	17.99
61CG	25C25	610D2	13.48	61N	25C25	590	66.77
61N	25C25	67N	95.02	61N	25C25	60C	16.92
61N	25C25	60CG	57.64	61N	25C25	60CB	39.04
61N	25C25	61CB	30.85	61N	25C25	610D2	41.41
590	25C25	67N	92.29	590	25C25	60C	49.98
590	25C25	60CG	56.13	590	25C25	60CB	52.99
590	25C25	61CB	86.68	590	25C25	67CG	96.56
590	25C25	610D2	66.16	67N	25C25	60C	93.00
67N	25C25	60CG	45.25	67N	25C25	660	28.92
67N	25C25	60CB	62.00	67N	25C25		38.59
67N	25C25	67CZ	68.17	60C	25C25	60CG	49.75
60C	25C25	60CB	31.34	60C	25C25	61CB	44.00
60C	25C25	610D2	43.11	60CG	25C25	660	68.70
60CG	25C25	60CB	18.86	60CG	25C25	61CB	88.11
60CG	25C25	67CG	75.30	60CG	25C25	610D2	92.65
660	25C25	60CB	81.00	660	25C25	67CG	47.02
660	25C25	67CZ	61.34	60CB	25C25	61CB	69.79
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			TA	BLE XIII			
60CB	25C25	67CG	94.15	60CB	25C25	610D2	74.45
61CB	25C25	610D2	28.84	67CG	25C25	67CZ	33.62
610D1	25C26	650	71.36	610D1	25C26	65C	85.76
610D1	25C26	61CG	11.35	610D1	25C26	61CB	26.51
610D1	25C26	61N	48.33	610D1	25C26	65CA	84.59
610D1	25C26	610D2	15.64	67CE2	25C26	66CA	78.50
67CE2	25C26	66N	89.75	67CE2	25C26	67CD2	19.87
67CE2	25C26	66C	60.32	67CE2	25C26	67CZ	10.65
67CE2	25C26	660	56.85	66CA	25C26	66N	21.30
66CA	25C26	650	40.66	66CA	25C26	65C	35.52
66CA	25C26	67CD2	62.19	66CA	25C26	61CG	97.24
66CA	25C26	66C	18.45	66CA	25C26	61CB	83.20
66CA	25C26	61N	61.53	66CA	25C26	67CZ	84.37
66CA	25C26	65CA	50.10	66CA	25C26	660	28.03
66N	25C26	650	32.82	66N	25C26	65C	19.16
66N	25C26	67CD2	77.48	66N	25C26	61CG	94.77
66N	25C26	66C	32.67	66N	25C26	61CB	77.42
66N	25C26	61N	65.23	66N	25C26	67CZ	92.40
66N	25C26	65CA	29.97	6 <b>6</b> N	25C26	660	32.92
650	25C26	65C	17.65	650	25C26	61CG	61.95
650	25C26	66C	58.76	650	25C26	61CB	44.89
650	25C26	61N	36.15	650	25C26	65CA	29.75
650	25C26	610D2	69.17	650	25C26	660	64.19
65C	25C26	67CD2	96.05	65C	25C26	61CG	77.55
65C	25C26	66C	50.78	65C	25C26	61CB	59.53
65C	25C26	61N	53.71	65C	25C26	65CA	16.87
65C	25C26	610D2	85.83	65C	25C26	660	52.07
67CD2		66C	45.30	67CD2	25C26	67CZ	29.89
67CD2	25C26	660	46.56	61CG	25C26	61CB	18.38
61CG	25C26		36.98	61CG	25C26	65CA	79.04
		610D2	11.28	66C	25C26	61N	78.34
	25C26	67CZ	65.93	66C	25C26	65CA	62.43
66C	**	660	14.16	61CB	25C26	61N	29.95
and the second	25C26	65CA	60.78	61CB	25C26	610D2	28.51
61N	25C26	65CA	64.34	61N	25C26	610D2	38.83
61N				67CZ	25C26	660	59.87
65CA	25C26				25C26	660	59.63
610D1	25C27	61CG	5.16	610D1	25C27	610D2	15.09

		3 N	72	ABLE XIII			
67CE2	25C27	67CD2	15.74	67CE2		670н	28.29
61CG	25C27	610D2	12.69	67CD2			44.01
610D1	25C28	61CG	9.27	610D1		2640H2	Yantiika ikaliin
610D1	25C28	610D2	23.20	67CE2		67CD2	52.17
61CG	25C28	2640H2	46.24	61CG	25C28	610D2	15.49
2640H2	25C28	610D2	33.06	66N	25C29		14.74
66N	25C29	650	39.60	66N	25C29	66CA	24.86
66N	25C29	65CA	41.74	66N	25C29	67CE2	24.12
66N	25C29	640	81.94	66N	25C29	66C	94.22
66N	25C29	660	37.60	66N	25C29	65N	34.73
66N	25C29	67CD2	79.01	66N	25C29	61CG	53.80
66N	25C29	64C	70.01	66N	25C29	61CB	98.70
65C	25C29	650	20.60	65C	25C29	66CA	84.65
65C	25C29	65CA	24.93	65C	25C29	610D1	42.11
65C	25C29	640	61.11	65C	25C29	66C	91.42
65C	25C29	660	62.45	65C	25C29	65N	58.05
65C	25C29	61CG	79.83	65C	25C29	64C	31.53
65C	25C29	61CB	63.17	650	25C29	66CA	47.67
650	25C29	65CA	39.66	650	25C29	610D1	46.14 71.78
650	25C29	640	64.40	650	25C29	66C	65.45
650	25C29	660	74.94	650	25C29	65N	37.56
650	25C29	61CG	60.19	650	25C29	64C	50.20
650	25C29	61CB	45.06	66CA	25C29	65CA	64.24
66CA	25C29	67CE2	75.91	66CA	25C29	66C	19.63
66CA	25C29	660	32.86	66CA	25C29	65N	73.62
66CA	25C29	67CD2	59.00	66CA	25C29	61CG	93.56
66CA	25C29	64C	89.77	300	25C29		
65CA	25C29	610D1	97.52	65CA	25C29	640	40.31
65CA	25C29	66C	76.17	65CA	25C29	660	74.54
65CA	25C29	65N		65CA		61CG	87.20
65CA	25C29	64C	29.78		25C29		
610D1	25C29		78.88	1000		45	83.10
610D1	25C29	61CG	•		25C29		76.76
610D1	25C29	61CB	29.29		25C29		59.68
67CE2	25C29	660	59.54				17.43
640	25C29	65N	29.62				73.88
640	25C29	64C	14.26				59.65
66C	25C29	660	16.37	66C		65N	88.46
						7.7	30.40

Y out							
1.8			TA	BLE XIII			
66C	25C29	67CD2	44.33	660	25C29	65N	89.10
660	25C29	67CD2	48.06	65N	25C29	1988 2 1 2 2 3 1	73.50
65N	25C29	64C	16.31	65N	25C29		55.08
61CG	25C29	64C	69.32	61CG	25C29	640 AV 330.	18.57
64C	25C29	61CB	52.55	66N	25030	67CE2	95.44
66N	25030	65C	20.14	66N	25030	660	41.64
66N	25030	66CA	20.76	66N	25030	65CA	36.46
66N	25030	66C	35.12	66N	25030	67CD2	78.01
66N	25030	650	28.77	66N	25030	640	70.26
67CE2	25030	660	66.02	67CE2	25030	66CA	75.33
67CE2	25030	66C	62.32	67CE2	25030	67CD2	17.44
67CE2	25030	67CZ	17.35	67CE2	25030	670н	32.31
65C	25030	660	61.78	65C	25030	66CA	35.78
65C	25030	65CA	21.92	65C	25030	66C	54.08
65C	25030	67CD2	93.11	65C	25030	650	13.87
65C	25030	640	51.57	660	25030	66CA	34.58
660	25030	65CA	74.20	660	25030	66C	16.71
660	25030	67CD2	51.17	660	25030	67CZ	70.40
660	25030	670H	86.34	660	25030	650	68.48
66CA	25030	65CA	55.92	66CA	25030	66C	20.67
66CA	25030	67CD2	58.02	66CA	25030	67CZ	88.15
66CA	25030	650	36.77	66CA	25030	640	87.19
65CA	25030	66C	71.35	65CA	25030	650	31.68
65CA	25030	640	35.13	66C	25030	67CD2	45.28
66C	25030	67CZ	71.68	66C	25030	670H	89.19
	25030		57.23	67CD2	25030	67CZ	31.46
	25030	670H	48.52	67CD2	25030	650	89.19
	25030	670H	17.73	650	25030	640	52.71
66N			39.43				19.88
			41.44	66N	25C31	66CA	16.42
	25C31	640	73.76	66N	25C31	66C	31.86
66N	25C31	::	24.99	66N	25C31	67CE2	78.02
66N	25C31		48.58	65CA	25C31	65C	22.92
	25C31		78.51	65CA	25C31	66CA	54.89
65CA	25C31	•	37.80	65CA	25C31	66C	71.14
	25C31			65CA	25C31	65N	10.41
65C	25C31			65C	25C31	66CA	33.07
65C	25C31	640	54.01	65C	25C31	66C	51.04

WO 97/161	77				PC	F/US96/17512
		4	ABLE XIII	ni a la l		
65C	25C31 650	9.78	V-0 - V-1 - V-1 - V-1 - V-1	25C31	67CE2	90.50
65C	25C31 65N	30.23	660	25C31	66CA	32.38
660	25C31 66C	14.52	A. C. A.	25C31	650	65.09
660	25C31 67CE2	56.24	660	25C31	65N	88.60
66CA	25C31 640	86.14	66CA	25C31	66C	19.15
66CA	25C31 650	33.97	66CA	25C31	67CE2	61.64
66CA	25C31 65N	63.22	640	25C31	650	52.33
640	25C31 65N	27.39	66C	25C31	650	53.03
66C	25C31 67CE2	52.59	66C	25C31	65N	80.44
650	25C31 67CE2	85.62	650	25C31	65N	32.85
65CA	25032 640	42.64	65CA	25032	66N	34.36
65CA	25032 65C	19.66	65CA	25032	64C	30.83
65CA	25032 65N	14.60	640	25032	66N	73.09
640	25032 65C	55.36	640	25032	64C	12.34
640	25032 65N	28.48	66N	25032	65C	17.74
66N	25032 64C	63.03	66N	25032	65N	48.15
65C	25032 64C	45.59	65C	25032	65N	31.63
64C	25032 65N	16.37	660	25C33	66N	39.03
660	25C33 65CA	71.47	660	25C33	25SG	98.45
660	25C33 65C	53.71	660	25C33	66C	9.09
66N	25C33 65CA	32.53	66N	25C33	25 <b>S</b> G	95.78
66N	25C33 65C	14.69	66N	25C33	66C	30.21
1610	25C33 161C	15.33	1610	25C33	25SG	60.66
65CA	25C33 25SG	88.64	65CA	25C33	65C	18.08
65CA	25C33 66C	62.73	161C	25C33	25SG	68.01
25SG	25C33 65C	94.64	65C	25C33	66C	44.83
660	25C34 163CB	85.75	660	25C34	66N	32.40
161C	25C34 1610	16.73	161C	25C34 1	62N	17.83
161C	25C34 163N	62.24	161C	25C34 1	62CA	31.39
161C	25C34 162C	47.88	161C	25C34	25 <b>S</b> G	73.05
161C	25C34 161CA	18.94	161C	25C34 1	63CB	92.63
1610	25C34 162N	30.34	1610	25C34 1	63N	65.51
1610	25C34 162CA	35.76	1610	25C34 1	62C	54.67
1610	25C34 25SG	62.53	1610	25C34 1	61CA	30.82
1010	25C34 163CB	95.27	162N	25C34 1	63N	46.66
162N	25C34 162CA	18.35	162N	25C34 1	62C	31.03
162N	25C34 25SG					
162N	25C34 163CB	76.34	163N	25C34 1	62CA	31.03

		T/	ABLE XIII		
163N	25C34 162C	16.65	163N	25C34 25SG	45.82
163N	25C34 161CA	77.75	163N	25C34 163CB	30.49
162CA	25C34 162C	19.01	162CA	25C34 25SG	52.46
162CA	25C34 161CA	48.32	162CA	25C34 163CB	61.52
162C	25C34 25SG	55.74	162C	25C34 161CA	61.81
162C	25C34 163CB	45.32	25SG	25C34 161CA	91.65
25SG	25C34 163CB	53.96	25SG	25C34 66N	87.39
660	25C35 66C	2.57	660	25C35 163CB	96.66
660	25C35 26CB	46.90	660	25C35 66N	29.09
660	25C35 67CA	31.24	660	25C35 68SD	77.53
6 <b>6</b> 0	25C35 67CD1	62.23	660	25C35 67CE1	72.23
66C	25C35 163CB	98.61	66C	25С35 26СВ	49.23
66C	25C35 66N	30.32	66C	25C35 67CA	29.98
66C	25C35 68SD	78.11	66C	25C35 67CD1	59.82
66C	25C35 67CE1	69.68	163CB	25C35 26CB	51.66
163CB	25C35 67CA	90.92	163CB	25C35 209CD2	95.04
163CB	25C35 68SD	41.03	26CB	25C35 66N	52.74
26CB	25C35 67CA	56.99	26CB	25C35 68SD	53.93
26CB	25C35 67CD1	97.81	66N	25C35 67CA	60.27
66N	25C35 67CD1	84.58	66N	25C35 67CE1	89.12
67CA	25C35 209CD2	76.21	67CA	25C35 68SD	56.79
67CA	25C35 67CD1	40.85	67CA	25C35 67CE1	55.83
209CD2	25C35 68SD	66.55	209CD2	25C35 67CD1	48.98
209CD2	25C35 67CE1	49.09	68SD	25C35 67CD1	78.05
68SD	25C35 67CE1	92.43	67CD1	25C35 67CE1	16.13
660	25C36 68SD	96.83	660	25C36 26CB	52.43
660	25C36 66C	6.57	660	25C36 67CA	36.71
660	25C36 26CX	70.05	68SD	25C36 163CB	57.33
68SD	25C36 163CA	70.03	68SD	25C36 134CB	84.74
	25C36 163N				
68SD	25C36 68CE	22.41	68SD	25C36 209CD2	84.13
68SD	25C36 66C	90.48	68SD	25C36 67CA	67.81
68SD	25C36 162C	99.30	68SD	25C36 26CX	59.77
163CB	25C36 163CA	20.06	163CB		81.47
163CB	25C36 163N	34.18	163CB	25C36 26CB	62.38
	25C36 68CE			25C36 162C	48.31
	25C36 26CX	44.78	163CA		65.51
163CA	25C36 163N	19.48	163CA	25C36 26CB	80.86

		T	ABLE XIII			
163CA	25C36 68CE	65.92		25C36	162C	30.24
163CA	25C36 26CX	63.59	134CB		163N	69.86
134CB	25C36 68CE	62.66	134CB		209CD2	53.95
134CB	25C36 162C	59.74	163N	25C36		84.29
163N	25C36 68CE	85.05	163N	25C36	162C	15.50
163N	25C36 26CX	69.23	26CB	25C36	68CE	88.83
26CB	25C36 66C	50.37	26CB	25C36	67CA	61.54
26CB	25C36 162C	98.98	26CB	25C36	26CX	17.62
68CE	25C36 209CD2	68.72	68CE	25C36	67CA	82.83
68CE	25C36 162C	90.28	68CE	25C36	26CX	78.81
209CD2	25C36 67CA	82.71	66C	25C36	67CA	30.72
66C	25C36 26CX	67.86	67CA	25C36	26CX	75.01
162C	25C36 26CX	84.54	660	25C37	67CE1	76.69
660	25C37 67CZ	72.75	660	25C37	67CD1	64.04
660	25С37 67ОН	86.40	660	25C37	67CE2	57.39
660	25C37 67CG	48.64	67CE1	25C37	209CD2	60.17
67CE1	25C37 67CZ	18.76	67CE1	25C37	67CD1	18.19
67CE1	25С37 67ОН	31.37	67CE1	25C37	67CE2	29.99
67CE1	25C37 67CG	29.19	209CD2	25C37	67CZ	78.42
209CD2	25C37 67CD1	57.12	209CD2	25C37	670H	84.22
209CD2	25C37 67CE2	89.26	209CD2	25C37		51.72
209CD2	25C37 67CG	70.82	67CZ	25C37	67CD1	31.75
67CZ	25С37 67ОН	17.50	67CZ	25C37	67CE2	16.32
67CZ	25C37 67CG	34.21	67CD1	25C37	670H	47.81
67CD1	25C37 67CE2	34.53	67CD1	25C37	67CG	15.87
670н	25C37 1600	98.96	670н	25C37	67CE2	29.39
670н	25C37 67CG	51.71	1600	25C37 1	A 1. V	78.01
	25C37 67CG	28.65	65CA	25C38		37.26
65CA	25C38 660	76.23	65CA	25C38	production of the second	57.25
65CA	25C38 65C	19.78	W 1 24 1000	25C38		54.21
	25C38 224OH2	55.95	A	25C38		85.45
65CA	25C38 65N	11.58		25C38		68.24
25SG	25C38 26CD1	77.09			230	67.47
	25C38 1610	68.31		25C38 2		89.14
25SG		70.06		25C38		76.35
66N	25C38 660	39.10			26CD1	47.09
6 <b>6N</b>	25C38 65C	17.53		25C38		72.97
66N	25C38 224OH2	92.76		25C38		59.41
<i>)</i>						

			7,80 ; <b>TA</b>	BLE XIII			
66N	25C38	65N	48.17	66N	25C38	26CG	48.12
660	25C38	26CD1	61.41	660	25C38	65C	56.61
660	25C38	26CB	46.70	660	25C38	65N	87.28
660	25C38	26CG	50.49	26CD1	25C38	65C	48.65
26CD1	25C38	230	40.99	26CD1	25C38	2240H2	85.80
26CD1	25C38	26CB	32.92	26CD1	25C38	65N	59.48
26CD1	25C38	26CG	15.33	65C	25C38	230	62.21
65C	25C38	2240H2	75.31	65C	25C38	26CB	70.46
65C	25C38	65N	30.67	65C	25C38	26CG	55.38
230	25C38	2240H2	47.84	230	25C38	26CB	69.70
230	25C38	65N	46.94	230	25C38	26CG	55.26
1610	25C38	2240H2	93.60	2240H2	25C38	65N	44.65
26CB	25C38	65N	90.52	26CB	25C38	26CG	18.20
65N	25C38	26CG	72.50	66N	25039	26CD1	65.73
66N	25039	65CA	47.24	66N	25039	65C	22.10
66N	25039	660	47.99	66N	25039	230	95.16
66N	25039	26CG	65.86	66N	25039	26CB	78.81
66N	25039	26NE1	58.35	66N	25039	66CA	14.64
66N	25039	66C	34.63	66N	25039	65N	57.39
66N	25039	650	22.72	66N	25039	26CX	95.35
66N	25039	26CD2	57.58	26CD1	25039	65CA	77.50
26CD1	25039	65C	65.28	26CD1	25039	660	80.81
26CD1	25039	230	52.52	26CD1	25039	26CG	20.44
26CD1	25039	26CB	42.80	26CD1	25039	25 <i>S</i> G	91.26
26CD1	25039	26NE1	14.54	26CD1	25039	66CA	62.36
26CD1	25039	66C	69.41	26CD1	25039	65N	74.38
26CD1	25039	26N	49.70	26CD1	25039	650	61.20
26CD1	25039	23C	59.40	26CD1	25039	26CX	47.75
			98.62				
			25.89				
			66.29				
			63.11				
	25039		81.81				12.36
65CA	25039		27.30				72.79
			56.03				82.72
65C	25039	660	70.06	65C			
	25039		73.56				
65C	25039	26NE1	53.27		4.00		36.02

	WO 97/16	177				PC	T/US96/17512	
			·					
	65C	25020 660		ABLE XII				
	65C	25039 66C	56.60		. 4.4849		35.32	
	65C	25039 650 25039 22401			25039	A 100 A	86.65	
	660				25039		64.11	
	660	25039 26C0 25039 26NI	X, v		25039	26CB	58.06	
gawan ini Majarah	660	25039 26N	det i a Wilter.		25039		35.35	
	660	[함입] [함께 [요] 아이라 아니아	15.25		25039		91.09	
	660			660	25039	26CX	73.00	
	230			230	25039	26CG	71.55	
	230 230	25039 26CE			25039	25 <i>S</i> G	73.57	
	230	25039 26NE		230	25039	65N	54.73	
	230	25039 26N			25039	650	75.20	
		25039 23C		230	25039	26CX	82.73	
	230 26CG	25039 2240H		230	25039	26CD2	69.59	
		25039 26CB	다 보다 11년 등	26CG	25039	25 <b>SG</b>	90.54	
	26CG	25039 26NE				66CA	57.23	
	26CG	25039 66C	56.85	26CG	25039	65N	91.62	
	26CG	25039 26N	42.86	7.17	25039	650	69.92	
	26CG 26CG	25039 23C	77.26	26CG	25039	26CX	33.37	
		25039 26CD		26CB	25039	25 <i>S</i> G	80.06	
	26CB 26CB	25039 26NE		26CB	对邻级的 医动脉上点	66CA	66.31	na. Sina
		25039 66C	56.61	26CB	25039	26N	34.26	
	26CB	25039 650	89.29	26CB	25039	23C	92.00	
	26CB						31.88	
	25SG			25 <i>S</i> G	25039		65.56	
	25 <i>S</i> G						85.27	
		25039 26CD2					58.87	
	26NE1	NAMES OF THE PARTY	71.02		25039		59.89	
		25039 26N			25039	650	49.16	
	26NE1					26CX	62.29	
	26NE1	25039 2240н2		26NE1			26.49	
	66CA		20.82				71.23	
	66CA	25039 26N		66CA			35.79	3, . ∆
	66CA	25039 26CX			25039	A 10 10 10 10 10 10 10 10 10 10 10 10 10	50.40	
*.	66C			66C	25039		90.87	
	10 miles	25039 650 25030 2500			25039		73.34	: ::
	66C	and the second of the second of the second			25039		35.54	
	65N	25039 23C	60.74	65N	25039 2	240H2	46.37	
	65N	25039 26CD2	82.99	26N	25039	23C	68.72	

			Т.	ABLE XIII			
26N	25039	26CX	18.10	26N	25039	26CD2	51.68
650	25039	23C	84.01	650	25039	224OH2	
650	25039	26CD2	60.44	23C	25039	26CX	83.51
23C	25039	224OH2	45.98	23C	25039	26CD2	76.48
26CX	25039	26CD2	42.86	25SG	25N40	1610	86.06
25SG	25N40	230	74.10	25SG	25 <b>N4</b> 0	161C	85.73
25SG	25N40	23C	68.83	25SG	25N40	23CA	76.96
25SG	25N40	162CA	56.65	25SG	25 <b>N4</b> 0	25CB	6.53
25SG	25 <b>N4</b> 0	26CD1	72.41	1610	25 <b>N</b> 40	161C	12.75
1610	25N40	162CA	33.97	1610	25N40	25CB	90.20
2240H2	25N40	230	52.97	2240H2	25N40	65CA	57.51
2240Н2	25N40	23C	49.02	2240H2	25 <b>N4</b> 0	23CA	35.43
2240н2	25N40	26CD1	85.10	230	25N40	65CA	51.31
230	25N40	23C	13.96	230	25N40	23CA	29.87
230	25N40	25CB	68.50	230	25 <b>N4</b> 0	26CD1	37.36
65CA	25N40	23C	62.89	65CA	25 <b>N4</b> 0	23CA	68.80
65CA	25N40	26CD1	48.33	161C	25 <b>N4</b> 0	162CA	29.53
161C	25N40	25CB	90.88	23C	25 <b>N4</b> 0	23CA	18.22
23C	25N40	25CB	62.59	23C	25N40	26CD1	49.62
23CA	25N40	25CB	70.43	23CA	25N40	26CD1	67.09
162CA	25N40	25CB	62.21	25CB	25N40	26CD1	70.23
25SG	25N41	23C	99.66	25SG	25N41	25CB	18.83
25SG	25N41	25N	49.91	25SG	25N41	24N	86.40
25SG	25N41 1	L <b>61</b> 0	75.97	25 <i>S</i> G	25N41	26CD1	82.58
25 <i>S</i> G		25CA	32.30	25SG	25N41	26N	41.60
230	25N41 2		68.49	230	25 <b>N4</b> 1	23C	20.89
230	1.54	23CA	42.41	230	25N41	25CB	89.72
230	25N41	25N	55.16	230	25N41	24N	28.91
230	25N41	65CA	55.11	230	25N41	26CD1	40.72
230	25N41	25CA	71.69	230	25N41	26N	66.61
230	25N41	23N	44.84	224OH2	25N41	23C	65.79
224OH2	25N41						
	25N41					26CD1	
	25N41		•	and the second second		23CA	19.75
	25N41		82.83	23C	25N41	25N	49.85
23C	25N41	24N	13.60	23C	25N41	65CA	73.03
	25N41						67.43
23C	25N41	26N	73.57	23C	25N41	23N	27.92

			TA	BLE XIII			
23CA	25N41	25CB	95.07	23CA	25N41	25N	68.21
23CA	25N41	24N	33.15	23CA	25N41	65CA	80.89
23CA	25N41	26CD1	83.00	23CA	25N41	25CA	84.37
23CA	25N41	26N	97.47	23CA	25N41	23N	2.51
25CB	25N41	25N	34.64	25CB	25N41	24N	69.27
25CB	25N41	1610	90.28	25CB	25N41	26CD1	80.97
25CB	25N41	25CA	18.50	25CB	25N41	26N	41.33
25CB	25N41	23N	95.93	25N	25N41	24N	36.95
25N	25N41	26CD1	57.65	25N	25N41	25CA	17.61
25N	25N41	26N	34.79	25N	25N41	23N	69.91
24N	25N41	65CA	83.83	24N	25N41	26CD1	59.64
24N	25N41	25CA	54.36	24N	25N41	26N	64.38
24N	25N41	23N	35.31	65CA	25N41	26CD1	50.18
65CA	25N41	26N	90.57	65CA	25N41	23N	82.10
26CD1	25N41	25CA	64.68	26CD1	25N41	26N	41.23
26CD1	25N41	23N	85.46	25CA	25N41	26N	29.42
25CA	25N41	23N	85.82	26N	25N41	23N	99.68
660	25N42	66N	49.20	660	25 <b>N4</b> 2	65CA	85.32
660	25N42	66C	14.31	660	25N42	65C	66.36
660	25N42	66CA	34.57	660	25N42	67CE2	59.50
66N	25N42	65CA	37.29	66N	25N42	66C	37.91
66N	25N42	65C	17.17	66N	25N42	66CA	18.36
66N	25N42	67CE2	79.25	65CA	25N42	66C	75.14
65CA	25N42	65C	21.61	65CA	25N42	66CA	55.24
66C	25N42	65C	54.69	66C	25N42	66CA	21.22
66C	25N42	67CE2	55.45	65C	25N42	66CA	34.04
65C	25N42	67CE2	88.07	66CA	25N42	67CE2	63.12

## TABLE XIV

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide.

				21	200 02		
Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
184CB	25C1	184CG	19.63	184CB	25C1	1840	37.95
184CB	25C1	184CD2	33.99	184CB	25C1	184CE3	43.05
184CB	25C1	188CD1	60.59	184CG	25C1	1840	56.47
184CG	25C1	184CD2	18.11	184CG	25C1	184CE3	33.19
184CG	25C1	188CD1	68.63	1840	25C1	184CD2	71.92
1840	25C1	184CE3	78.39	1840	25C1	188CD1	69.15
184CD2	25C1	184CE3	17.41	184CD2	25C1	188CD1	62.78
184CE3	25C1	188CD1	48.96	1840	25C2	184CB	47.37
1840	25C2	184C	14.60	1840	25C2	184CG	67.03
1840	25C2	184CA	35.09	1840	25C2	184CD2	79.86
1840	25C2	184CD1	72.22	1840	25C2	18ND2	51.81
184CB	25C2	184C	37.41	184CB	25C2	184CG	20.57
184CB	25C2	184CA	21.23	184CB	25C2	184CD2	32.66
184CB	25C2	184CD1	31.54	184CB	25C2	18ND2	83.90
184C	25C2	184CG	55.27	184C	25C2	184CA	21.27
184C	25C2	184CD2	69.82	184C	25C2	184CD1	58.47
184C	25C2	18ND2	51.06	184CG	25C2	184CA	35.04
184CG	25C2	184CD2	16.66	184CG	25C2	184CD1	15.49
184CG	25C2	18ND2	93.96	184CA	25C2	184CD2	50.81
184CA	25C2	184CD1	37.24	184CA	25C2	18ND2	62.72
184CD2	25C2	184CD1	26.96	184CD1	25C2	18ND2	86.49
1840	25C3	184CB	45.92	1840	25C3	184CA	37.85
1840	25C3	184C	17.54	1840	25C3	180D1	72.66
1840	25C3	184CG	67.51	1840	25C3	184CD1	78.54
1840	25C3	18ND2	59.83	1840	25C3	18CG	62.25
1840	25C3	184CD2	77.25	184CB	25C3	184CA	23.15
184CB	25C3	184C	38.05	184CB	25C3	180D1	86.49
184CB	25C3	184CG	21.78	184CB	25C3	184CD1	36.65
184CB	25C3	18ND2	94.41	184CB	25C3	18CG	86.35
184CB	25C3	184CD2	32.23	184CA	25C3	184C	22.46
184CA	25C3	180D1	63.82	184CA	25C3	184CG	37.27
184CA	25C3	184CD1	42.13	184CA	25C3	18ND2	72.53
184CA	25C3	18CG	63.26	184CA	25C3	184CD2	51.60
184C	25C3	180D1	61.36	184C	25C3	184CG	57.47
184C	25C3	184CD1	64.57	184C	25C3	18ND2	57.87

			Tr.	BLE XIV			
184C	25C3	18CG	54.50		25C3	184CD2	70.12
180D1	25C3	184CG	91.25	180D1	25C3	184CD1	79.96
180D1	25C3	18ND2	31.05	180D1	25C3	18CG	15.09
184CG	25C3	184CD1	18.78	184CG	25C3	18CG	96.39
184CG	25C3	184CD2	15.20	184CD1		18CG	88.85
184CD1	25C3	184CD2	the officer of the second	18ND2	25C3	18CG	
184CD1	25C4	184CG	19.46	184CD1	25C4	184CB	16.95
184CD1	25C4	180D1	77.64	184CD1	25C4	200	35.62
184CD1	25C4	184CA	39.47	184CD1	25C4	184NE1	86.16
184CD1	25C4	184CD2	28.36	184CD1	25C4	1840	16.76
184CD1	25C4	184CE2	25.97	184CG	25C4	184CB	68.14
184CG	25C4	180D1	84.29	184CG	25C4	184CA	20.21
184CG	25C4	184NE1	29.37	184CG	25C4		33.31
184CG	25C4	1840	56.12	184CG	25C4	184CD2	16.86
184CB	25C4	180D1	74.62	184CB		184CE2	26.96
184CB	25C4	184NE1	48.98	184CB	25C4	184CA	19.60
184CB	25C4	1840	36.02		25C4	184CD2	33.22
180D1	25C4	200	64.59	180D1	25C4	184CE2	46.70
180D1	25C4	184NE1	91.09	180D1	25C4	184CA	55.04
200	25C4	184NE1	82.83	200	25C4 25C4	1840	58.00
184CA	25C4	184NE1	55.98	200 184CA		184CE2	96.86
184CA	25C4	1840	10.000		25C4	184CD2	49.56
184NE1	25C4	184CD2	30.00 27.93	184CA	25C4	184CE2	59.49
184NE1	25C4	184CE2	15.77	184NE1	25C4	1840	83.70
184CD2	25C4	184CE2	医皮质 翻译	184CD2	25C4	1840	68.31
184CG	25C5	184CD1	16.44 18.11	1840	25C4	184CE2	82.69
184CG	25C5	184NE1		184CG	25C5	184CD2	18.49
184CG	25C5	184CB	28.96	184CG	25C5	184CE2	29.05
184CD1	25C5		17.96	184CD1	25C5	184CD2	29.17
184CD1	25C5	184NE1 184CB	17.37	184CD1	25C5	184CE2	28.25
184CD2	25C5	184CE2	181	184CD2	25C5	184NE1	28.48
			17.52	184CD2	25C5	184CB	32.46
	25C5	184CE2					
184CD2		1 1 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					18.41
		184CE3 184CE2		184CD2			32.70
184CG		184CE3	16.35	184CD2			26.98
184CG	25C6			184CG		184CB	18.26
				184CG	25C6	•	15.78
184CE3		184CE2		184CE3			88.61
				184CE3	25C6	184CD1	44.38
184CE2		184CE2		184CB	25C6	184CD1	30.55
	125	184CD1	26.20		25C7	20C	19.21
	25C7	20CA	39.07	200	25.C7	20N	45.05
A		180D1	87.05	200	25C7	19CG	55.64
200	25C7	21NE2	74.51	200	25C7	21N	24.68

			T/	BLE XIV	· :		
200	25C7	18CG	94.59	200	25C7	19C	40.56
20C	25C7	20CA	23.55	20C	25C7	20N	38.22
20C	25C7	180D1	77.28	20C	25C7	19CG	67.04
20C	25C7	21NE2	71.32	20C	25C7	21N	11.95
20C	25C7	18CG	83.17	20C	25C7	19C	38.66
20CA	25C7	20N	21.87	20CA	25C7	180D1	54.50
20CA	25C7	19CG	66.31	20CA	25C7	21NE2	87.33
20CA	25C7	21N	31.76	20CA	25C7	18CG	59.80
20CA	25C7	19C	28.41	20N	25C7	180D1	42.02
20N	25C7	184CD1	96.35	20N	25C7	19CG	47.93
20N	∞25C7	21N	49.41	20N	25C7	18CG	49.82
20N	25C7	19C	10.08	20N	25C7	184CA	86.28
180D1	25C7	184CD1	83.02	180D1	25C7	19CG	66.42
180D1	25C7	21N	86.24	180D1	25C7	184NE1	98.06
180D1	25C7	184CG	83.82	180D1	25C7	18CG	8.98
180D1	25C7	19C	48.05	180D1	25C7	184CA	54.56
184CD1	25C7	19CG	55.25	184CD1	25C7	184NE1	16.81
184CD1	25C7	184CG	16.56	184CD1	25C7	18CG	85.33
184CD1	25C7	19C	89.88	184CD1	25C7	184CA	36.29
19CG	25C7	21N	77.73	19CG	25C7	184NE1	56.16
19CG	25C7	184CG	70.76	19CG	25C7	18CG	74.86
19CG	25C7	19C	38.66	19CG	25C7	184CA	68.46
21NE2	25C7	21N	59.46	21N	25C7	18CG	91.06
21N	25C7	19C	50.55	184NE1	25C7	184CG	28.00
184NE1	25C7	19C	94.36	184NE1	25C7	184CA	52.97
184CG	25C7	18CG	83.54	184CG	25C7	184CA	30.15
18CG	25C7	19C	56.53	18CG	25C7	184CA	53.47
19C	25C7	184CA	85.50	200	2508	19CG	74.18
200	2508		14.24	200	2508	20N	45.16
200	2508	19CD	84.08	200	2508	20CA	33.67
200	2508	180D1	81.17	200	2508	19C	43.87
200 200	2508		14.62		2508	19CB	65.10
	2508	19NE2	73.97		2508	184CD1	71.14
19CG 19CG	2508	20C	79.40	19CG	2508	184NE1	74.25
19CG	2508 2508	20N	55.59	19CG	2508	19CD	22.00
19CG	2508	20CA 184CG	73.82	19CG	2508	190E1	34.44
19CG	2508	184CE2	85.17 88.06	19CG	2508	180D1	70.42
19CG	2508	21N	87.25	19CG	2508	19C	42.61
19CG	2508		28.77	19CG 19CG	2508	19CB	11.43
19CG	2508		93.05			1830 184NE1	42.56
184CD1	2508		64.82	184CD1	2508		21.99
184CD1		184CG	15.65	184CD1	2508	180D1	49.70 83.93
		184CE2		184CD1	•	19CB	80.03
			27.50	TOACDI	2300	TAGE	60.03

TABLE XIV												
184CD1	2508	19NE2	77.46		2508	1830	43.29					
184CD1	2508	184CD2	22.85	20C	2508	20N	37.96					
20C	2508	19CD	93.27	20C	2508	20CA	21.59					
20C	2508	180D1	70.08	20C	2508	19C	41.74					
20C	2508	21N	10.44	20C	2508	19CB	68.90					
20C	2508	19NE2	85.00	184NE1	2508	19CD	59.98					
184NE1	2508	190E1	43.21	184NE1		184CG	31.35					
184NE1	2508	184CE2	13.82	184NE1	2508	19CB	85.19					
184NE1	2508	19NE2	69.30	184NE1	2508	1830	60.22					
184NE1	2508	184CD2	24.73	20N	2508	19CD	76.55					
20N	2508	20CA	20.72	20N	2508	190E1	89.93					
20N	2508	180D1	38.33	20N	2508	19C	14.64					
20N	2508	21N	48.38	20N	2508	19CB	44.35					
20N	2508	19NE2	76.55	20N	2508	1830	65.49					
19CD	2508	20CA	92.98	19CD	2508	190E1	16.77					
19CD	2508	184CG	80.43	19CD	2508	180D1	91.12					
19CD	2508	184CE2	73.34	19CD	2508	19C	62.65					
19CD	2508	21N	98.59	19CD	2508	19CB	32.44					
19CD	2508	19NE2	14.03	19CD	2508	1830	53.18					
19CD	2508	184CD2	82.97	20CA	2508	180D1	48.49					
20CA	2508	19C	31.25	20CA	2508	21N	31.00					
20CA	2508	19CB	62.39	20CA	2508	19NE2	89.43					
20CA	2508	1830	85.40	190E1	2508	184CG	65.32					
190E1	2508	180D1	95.73	190E1	2508	184CE2	56.63					
190E1	2508	19C	77.00	190E1	2508	19CB	45.84					
190E1	2508	19NE2	27.83	190E1	2508	1830	50.05					
190E1	2508	184CD2	66.42	184CG	2508	180D1	81.85					
184CG	2508	184CE2	29.41	184CG	2508	19CB	92.98					
184CG	2508	19NE2	93.11	184CG	2508	1830	51.14					
184CG	2508	184CD2	15.78	180D1	2508	19C	48.36					
180D1	2508	21N	79.10	180D1	2508	19CB	63.32					
180D1	2508	19NE2	98.90	180D1	2508	1830	49.03					
180D1	2508	184CD2	97.37	184CE2	2508	19CB	98.94					
		19NE2			2508	1830	70.16					
184CE2		184CD2			2508	21N	51.75					
19C	2508	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31.18		2508	19NE2	61.93					
19C	A Property of the Control of the Con		62.03		2508	19CB	77.34					
21N	2508		88.58			19NE2	35.99					
19CB				19NE2			66.29					
19NE2				1830			64.88					
	25C9	19CG	60.67		25C9	19CD	76.38					
200	25C9	190E1	92.50	200	25C9	20C	7.58					
200			72.45	200	25C9	21NE2	67.37					
184NE1	25 <b>C9</b>	184CD1	20.97	184NE1	25 <b>C</b> 9	19CG	68.64					

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WO 97/160	69		* * * * * * * * * * * * * * * * * * * *			PC	T/F196/00582
					⊕ deroej de		
1043701	25C9	1000		BLE XIV	2500	40000	
184NE1 184NE1	1.11 (1.14)	19CD		184NE1	25C9	100 March 100 Ma	43.65
184NE1		184CE2	16.49	184NE1	25C9		71.84
12 1 3 July 2	25C9	184CG	26.81		25C9		28.68
184CD1		19CG	60.92	184CD1	25C9	19CD	60.57
184CD1 184CD1	25C9	190E1	48.05		25C9	184CE2	31.05
こうさいてん とほごう		19NE2	75.62	184CD1		184CG	13.88
184CD1 19CG	25C9	184CZ2	46.32	19CG	25C9	19CD	21.52
19CG 19CG	25C9	190E1	33.58		25C9	20C	65.19
	25C9	184CE2	85.10	19CG	25C9	19NE2	31.33
19CG	25C9	184CG	73.53	19CG	25C9	184CZ2	95.37
19CD	25C9	190E1	16.79		25C9	20C	82.31
19CD	25C9	184CE2	75.59	19CD	25C9	19NE2	15.81
190E1	25C9	184CG	74.44	San Carlotte de la companya de la c	25C9	184CZ2	81.71
		20C	97.96	190E1		184CE2	59.01
190E1	25C9	19NE2	28.56		25C9	184CG	61.65
190E1	25C9	184CZ2	65.02	20C	25C9	19NE2	79.44
20C	25C9	21NE2	62.11	184CE2	25C9	19NE2	86.32
184CE2	25C9	184CG	28.77	184CE2	25C9	184CZ2	15.52
19NE2	25C9	184CG	89.47	19NE2		184CZ2	89.08
184CG	25C9	184CZ2	43.90	184NE1	*	184CE2	19.56
184NE1	25010		19.15		25010	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	98.89
184NE1		184CZ2	34.13	184NE1	<ul> <li>X + Z = Z = Z = Z</li> </ul>	184CD2	27.67
184NE1		184CG	27.32	184CE2		184CD1	31.59
184CE2			18.04	184CE2		184CD2	16.51
184CE2		184CG	28.75	184CD1	25010		88.35
184CD1		184CZ2	49.32	184CD1		184CD2	28.37
		184CG				,	99.14
200	25010						
						184CG	
	25C11					19CD	
						190E1	19.0
19NE2		184NE1			17 1 1 1 1		51.21
				19NE2			29.78
19NE2 220		22N					56.54
220	25C11	*** ***			25C11		54.51
		190E1			25C11		14.40
220 220				220			50.00
220 1900	25C11		32.97		25C11		26.65
19CD	25C11		64.43		25C11		15.96
19CD		184NE1			25C11	•	65.67
19CD				19CD			17.66
19CD	25C11	11.7		19CD		23N	73.36
200	25C11		76.37			184NE1	85.38
200	25C11	22C	60.00	200	25C11	23CA	87.97

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	05011	1000		LE XIV	25011	22N	20.460
200	25C11	19CG	47.41	200	830 MA	47.	38.68
200	25C11	23N	75.19	1,100,419,100,135	25C11 : 25C11	ATT FRANK I THE	38.17
190E1		t i farma da faktifa	80.44 29.35	190E1			78.31 92.26
190E1		19CG	29.35 86.19		25C11 25C11		53.83
	25C11	1 Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	29.04	22C	- 100 DOM: 1 PARTS - 1	19CG	64.17
22C	25C11	Track at the second		22C	25C11 25C11	23N	15.42
22C	25C11		76.14	ali barawata akwa	经价值价格 基础压力	23N	56.58
23CA		19CG 23N	16.87	19CG	25C11		66.36
23CA	25C11	\$ 3.50 000	75.77	22N	25C11	AND STREET	40.54
19CG	25C12		17.89	220		22N	39.45
220	25C12	23N	32.43	220	25C12	23CA	38.69
220	25C12 25C12		56.27	220	25C12	21C	55.84
220 220		20CA	31.37	220		21CA	67.07
220	25C12	19NE2	35.21	1 15 W 1 1 1 1/2	25C12	22N	34.05
22C	25C12	23N	18.76	22C	25C12	23CA	33.51
22C	25C12	200	65.66	22C	Zanachia in wilinin	21C	49.03
22C	25C12	22CA	18.77	22C	25C12		64.80
22C		19NE2	51.68	22N	25C12	23N	49.61
22N		23CA	67.28	22N	25C12	200	43.43
22N		21C	16.39	22N	25C12	22CA	18.17
22N	25C12	化二氯基苯基二亚酚 化二甲酚	71.11	22N	25C12	21CA	30.79
22N		19NE2	70.87	23N	25C12	23CA	19.64
23N	25C12	200	84.42	23N	25C12	21C	62.12
23N	25C12	22CA		23N	25C12		79.89
23N		19NE2	58.72	23CA	25C12	200	94.95
23CA	25C12	114 * 114 114 114 114	81.09	2 (1 W 12)	25C12	22CA	50.18
23CA			98.06	23CA	25C12	19NE2	50.86
	25C12	21C	45.48	200	25C12	22CA	58.80
200	25C12	210E1	66.04	200	25C12	21CA	35.16
200	25C12	19NE2	63.11	21C	25C12	22CA	30.96
21C	25C12	210E1	55.27	21C	25C12	21CA	18.83
			86.29				
			48.22				
210E1	25C12	21CA	42.41	21CA	25C12	19NE2	90.68
210E1	25C13	21CD	12.45	210E1	25C13	21CA	47.08
			76.49				
	25C13	200	69.05	210E1	25C13	21NE2	23.98
21CD			41.21				
21CD	25C13	21C	58.15	21CD	25C13	200	57.98
21CD	25C13	21NE2	14.96	21CA	25C13	22N	30.42
21CA	25C13	21C	18.99	21CA	25C13	200	33.62
21CA	25C13	21NE2	51.09	22N	25C13	21C	16.45
22N	25C13	200	38.35	22N	25C13	21NE2	80.82

	WO 97/160	69					PC	T/F196/00582
				ТΔ	BLE XIV			
	21C	25C13	200	42.37	21C	25C13	21NE2	69.53
A STATE OF	200	25C13	21NE2	58.27	210E1	25C14	21C	80.26
	210E1	25C14	1 Sec. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	58.86	210E1	25C14	22N	95.27
	210E1	25C14		11.97	210E1		210	83.12
	210E1	25C14	- J. J. 4250 (1928)	43.94	210E1	25C14	21CG	26.08
	210E1	25C14	21NE2	17.70	210E1	25C14	200	71.89
	21C	25C14	21CA	23.60	21C	25C14	22N	19.79
	21C	25C14	21CD	70.89	21C	25C14	210	18.03
	21C	25C14	21CB	37.30	21C	25C14	22CA	32.39
	21C	25C14	21CG	54.18	21C	25C14	22C	48.65
	21C	25C14	21NE2	78.83	21C	25C14	23N	61.74
	21C	25C14	200	44.43	21CA	25C14	22N	36.47
	21CA	25C14	21CD	48.38	21CA	25C14	210	36.17
	21CA	25C14	21CB	21.86	21CA	25C14	22CA	53.26
	21CA	25C14	21CG	33.45	21CA	25C14	22C	65.81
	21CA	25C14	21NE2	55.36	21CA	25C14	23N	80.87
	21CA	25C14	200	33.68	22N	25C14	21CD	84.38
	22N	25C14	210	33.19	22N	25C14	21CB	55.22
	22N	25C14	22CA	17.77	22N	25C14	21CG	69.86
	22N	25C14	22C	29.90	22N	25C14	21NE2	89.31
	22N	25C14	23N	44.46	22N	25C14	200	39.38
e in the second	21CD	25C14	210	76.50	21CD	25C14	21CB	36.73
	21CD	25C14	21CG	18.01	21CD	25C14	21NE2	12.68
	21CD	25C14	200	60.03	210	25C14	21CB	39.79
	210	25C14	22CA	37.66	210	25C14	21CG	58.51
	210	25C14	22C	56.26	210	25C14	21NE2	86.99
. A	210	25C14	23N	65.51	210	25C14	200	62.32
	21CB	25C14	22CA	69.70	21CB	25C14	21CG	18.72
in i	21CB	25C14	22C	85.11	21CB	25C14	21NE2	47.76
	21CB	25C14	23N	98.97	21CB	25C14	200	53.00
	22CA	25C14	21CG	86.05	22CA	25C14	22C	18.65
	22CA	25C14	23N	29.45	22CA	25C14	200	54.92
	21CG	25C14	22C	99.21	21CG	25C14	21NE2	29.49
	21CG	25C14	200	54.91	22C	25C14	23N	15.74
	22C	25C14	200	55.72	21NE2	25C14	200	58.56
	23N	25C14	200	70.69	210E1	25C15	21CD	18.02
	210E1	25C15		36.11		25C15	21CA	45.66
		25C15		74.47	210E1	25C15	21CG	20.94
		25C15		20.43	21CD	25C15	21CA	42.29
	21CD	25C15	200	63.32	21CD	25C15	21CG	11.31
	21NE2	25C15	21CA	56.77	21NE2	25C15	200	66.57
	21NE2	25C15	21CG	29.05	21CA	25C15	200	33.79
	21CA		21CG	31.00	200	25C15	21CG	54.47
	19NE2	25C16	190E1	34.42	19NE2	25C16	19CD	19.70

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		T/	BLE XIV		
19NE2		57.42	19NE2	25C16 184NE1	74.14
19NE2	25C16 220	38.47	19NE2	25C16 162ND1	77.08
19NE2	25C16 19CG	27.65	19NE2	25C16 23N	58.92
19NE2	25C16 22C	50.59	190E1	25C16 19CD	18.10
190E1	25C16 23CA	91.00	190E1	25C16 184NE1	41.37
190E1	25C16 220	70.27	190E1		54.22
190E1	25C16 19CG	28.11	190E1		93.23
190E1	25C16 22C	83.37	190E1	25C16 184CZ2	67.06
19CD	25C16 23CA	76.87	19CD	25C16 184NE1	54.73
19CD	25C16 22O	52.37	19CD	25C16 162ND1	70.37
19CD	25C16 19CG	14.40	19CD	25C16 23N	76.48
19CD	25C16 22C	65.58	19CD	25C16 184CZ2	83.17
23CA	25C16 220	36.36	23CA	25C16 19CG	79.64
23CA	25C16 23N	16.38	23CA	25C16 22C	28.95
184NE1	25C16 162ND1	56.55	184NE1	25C16 19CG	54.16
184NE1	25C16 184CZ2	30.24	220	25C16 19CG	48.64
220	25C16 23N	26.88	220	25C16 22C	13.31
162ND1	25C16 19CG	82.32	162ND1	25C16 184CZ2	51.21
19CG	25C16 23N	75.10	19CG	25C16 22C	61.77
19CG	25C16 184CZ2	84.32	23N	25C16 22C	15.32
162ND1	25S17 184CZ2	72.20	162ND1	25S17 184NE1	73.37
162ND1	25S17 162CE1	19.38	162ND1	25S17 19OE1	64.03
162ND1	25S17 184CE2	73.12	162ND1	25S17 162CG	16.82
162ND1		76.25	162ND1	25S17 19NE2	80.24
162ND1	25S17 162CB	31.46	162ND1	25S17 184CH2	75.04
162ND1	25S17 162NE2	24.22	162ND1	25S17 184CD1	76.19
184CZ2	25S17 184NE1	40.35	184CZ2	25S17 162CE1	61.98
184CZ2	25S17 19OE1	82.50	184CZ2	25S17 184CE2	20.39
184CZ2	25S17 162CG	64.57	184CZ2	25S17 19CD	94.35
184CZ2	25S17 162CB	73.92	184CZ2	25S17 184CH2	9.57
184CZ2	25S17 162NE2	50.06	184CZ2	25S17 184CD1	46.22
	25S17 162CE1		184NE1	25S17 19OE1	45.35
184NE1	25S17 184CE2	20.06	184NE1	25S17 162CG	77.66
184NE1	25S17 19CD	54.83	184NE1	25S17 19NE2	71.53
184NE1	25S17 162CB	94.60	184NE1	25S17 184CH2	49.77
184NE1	25S17 162NE2	51.06	184NE1	25S17 184CD1	6.15
T02CE1	25S1/ 19OE1	48.96	162CE1	25S17 184CE2	57.43
162CE1	25S17 162CG	30.44	162CE1	25S17 19CD	62.94
162CE1	25S17 19NE2	71.39	162CE1	25S17 162CB	48.22
162CE1	25S17 184CH2	67.56	162CE1	25S17 162NE2	13.10
162CE1	25S17 184CD1	56.98	190E1	25S17 184CE2	64.06
190E1	25S17 162CG	78.89	190E1	25S17 19CD	14.86
190E1	25S17 19NE2	29.15	190E1	25S17 162CB	95.48
190E1	25S17 184CH2	91.95	190E1	25S17 162NE2	57.76

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			TA	BLE XIV			*
190E1	25S17 1	84CD1	41.33	184CE2	25S17	162CG	71.43
184CE2	25S17	19CD	74.69	184CE2	25S17	19NE2	91.37
184CE2	25S17 1	62CB	85.35	184CE2	25S17	184CH2	29.73
184CE2	25S17 1	62NE2	48.91	184CE2	25S17	184CD1	25.84
162CG	25S17	19CD	92.05	162CG	25S17	19NE2	97.02
162CG	25S17 1	62CB	18.20	162CG	25S17	184CH2	64.89
162CG	25S17 1	62NE2	27.13	162CG	25S17	184CD1	81.91
19CD	25 <b>S</b> 17	19NE2	16.70	19CD	<b>25S17</b>	162NE2	72.44
19CD	25817 1	84CD1	49.68	19NE2	25517	162NE2	82.84
19NE2	25S17 1	84CD1	66.32	162CB	<b>25</b> S17	184CH2	71.34
162CB	25517 1	62NE2	45.10	162CB	25S17	184CD1	99.30
184CH2	25S17 1	62NE2	54.91	184CH2	25S17	184CD1	55.56
162NE2	25S17 1	84CD1	54.94	19NE2	25N18	23CA	73.04
19NE2	25N18	19CD	18.20	19NE2	25N18	220	43.17
19NE2		190E1	33.64	19NE2	25N18	23C	62.17
19NE2		25SG	78.34	19NE2	25N18	23N	70.88
19NE2	in at the first term	22C	57.87	19NE2	25N18	25CB	58.17
19NE2	all the first state of the second	24N	45.44	19NE2	25N18	162ND1	81.06
19NE2		25N	41.89	19NE2	25N18	230	71.35
23CA		19CD	90.63	23CA	25N18	220	43.03
23CA		23C	19.70	23CA	25N18	25 <i>S</i> G	84.26
23CA		23N	17.82	23CA	25N18	22C	32.08
23CA		25CB	90.92	23CA	25N18	24N	31.17
23CA		25N	62.49	23CA	25N18	230	26.79
19CD		220	55.64	19CD	25N18	190E1	17.64
19CD		23C	80.36	19CD	25N18	25SG	84.40
19CD		23N	86.18	19CD	25N18	22C	71.10
19CD	2 P 2 D 2 D 2 2 2 3 3	25CB	60.97	19CD	25N18	24N	63.63
19CD	10 10 10 10 10 10 10 10 10 10 10 10 10 1	62ND1	70.54	19CD	25N18	25N	54.63
19CD		230	89.15	220	25N18	190E1	73.27
220		23C	46.87	220	Action to the second		31.78
220		22C	15.47		25N18	25CB	93.37
220	25N18		olimation and Albert	220	25N18		64.91
	25N18	State of the state	60.03		25N18		93.60
and the second second	25N18		78.94				88.73
190E1	100		54.74			49 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77.36
190E1	25N18 1	<ol> <li>M. Tall V.P. 4</li> </ol>	ingga nganggan na	190E1	V 1 57 X 12	25N	59.44
190E1 23C				23C		25SG	66.71
23C			34.39	and the first term of the contract of the cont	25N18		42.39
23C			71.24			24N	16.74
	25N18 25N18 2		43.13	23C			13.17
255G			24.23	25SG			67.84
255G 255G	25N18 10 25N18 2		2.5	25SG			40.11
2336	ZONIO 7	بده	57.50	23N	<b>₹DNT</b> R	ZZC	17.29

		TA	BLE XIV		
23N	25N18 24N	39.13	23N	25N18 25N	73.32
23N	25N18 230	44.07	22C	25N18 24N	39.37
22C	25N18 25N	71.95	22C	25N18 230	54.65
25CB	25N18 24N	64.90	25CB	25N18 162ND1	43.82
25CB	25N18 25N	30.73	25CB	25N18 230	66.97
24N	25N18 25N	34.26	24N	25N18 230	27.47
162ND1	25N18 25N	73.32	25N	25N18 230	43.35
25SG	25C19 25CB	30.95	25 <b>S</b> G	25C19 19NE2	87.88
25SG	25C19 162ND1	72.09	25 <i>S</i> G	25C19 23CA	92.18
25SG	25C19 19OE1	90.53	25SG	25C19 1610	75.25
25 <i>S</i> G	25C19 19CD	92.51	25 <i>S</i> G	25C19 25N	44.77
25SG	25C19 23C	73.06	25SG	25C19 162CE1	76.49
25SG	25C19 25CA	36.53	25SG	25C19 230	62.97
25sg	25C19 162CG	75.04	25SG	25C19 24N	71.77
25SG	25C19 162CA	61.03	25CB	25C19 19NE2	64.00
25CB	25C19 162ND1	55.38	25CB	25C19 23CA	96.18
25CB	25C19 19OE1	59.77	25CB	25C19 1610	94.40
25CB	25C19 19CD	63.98	25CB	25C19 25N	33.81
25CB	25C19 23C	76.97	25CB	25C19 162CE1	52.78
25CB	25C19 25CA	15.71	25CB	25C19 230	73.90
25CB	25C19 162CG	63.84	25CB	25C19 24N	67.67
25CB	25C19 162CA	66.83	19NE2	25C19 162ND1	88.64
19NE2	25C19 23CA	60.82	19NE2	25C19 19OE1	31.76
19NE2	25C19 19CD	16.34	19NE2	25C19 25N	44.95
19NE2	25C19 23C	56.12	19NE2	25C19 162CE1	73.67
19NE2	25C19 25CA	52.15	19NE2	25C19 23O	68.16
19NE2	25C19 24N	41.52	162ND1	25C19 19OE1	59.55
162ND1	25C19 1610	71.43	162ND1	25C19 19CD	75.22
162ND1	25C19 25N	86.60	162ND1	25C19 162CE1	15.59
162ND1	25C19 25CA	68.74	162ND1	25C19 162CG	12.11
162ND1	25C19 162CA	39.22	23CA	25C19 19OE1	92.31
23CA	25C19 19CD			25C19 25N	62.61
23CA	25C19 23C	19.89	23CA	25C19 25CA	81.01
23CA		29.74		25C19 24N	29.49
190E1		16.09	190E1		61.21
	25C19 23C	87.07			43.98
	25C19 25CA	56.66		25C19 230	97.48
190E1	25C19 162CG	70.72		25C19 24N	71.88
		98.02		25C19 162CE1	86.98
1610	25C19 162CG	60.30		25C19 162CA	34.11
19CD	25C19 25N	54.73	and the second second	25C19 23C	72.44
	25C19 162CE1		T. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	25C19 25CA	56.11
19CD	25C19 230	84.17	19CD	25C19 162CG	86.63
19CD	25C19 24N	57.70	25N	25C19 23C	44.11

		TA	BLE XIV		
25N	25C19 162CE1	79.19	25N	25C19 25CA	18.40
25N	25C19 230	44.87	25N	25C19 162CG	96.59
25N	25C19 24N	33.86	25N	25C19 162CA	99.25
23C	25C19 25CA	62.33	23C	25C19 230	14.57
23C	25C19 24N	15.37	162CE1	25C19 25CA	63.05
162CE1	25C19 162CG	26.96	162CE1	25C19 162CA	54.63
25CA	25C19 230	61.33	25CA	25C19 162CG	78.31
25CA	25C19 24N	52.11	25CA	25C19 162CA	82.37
230	25C19 24N	26.74	162CG	25C19 162CA	30.21
200	25N20 19CD	87.74	200	25N20 19NE2	89.20
200	25N20 19CG	65.65	200	25N20 220	66.51
200	25N20 20C	2.25	200	25N20 184CD1	99.19
200	25N20 22N	43.43	200	25N20 22C	67.94
200	25N20 21CA	31.81	200	25N20 19CB	59.50
19CD	25N20 19NE2	20.94	19CD	25N20 19CG	24.17
19CD	25N20 19OE1	18.66	19CD	25N20 220	59.53
19CD	25N20 184NE1	61.57	19CD	25N20 20C	89.98
19CD	25N20 184CD1	58.87	19CD	25N20 22N	90.16
19CD	25N20 22C	72.14	19CD	25N20 184CE2	73.87
19CD	25N20 19CB	28.25	19NE2	25N20 19CG	38.17
19NE2	25N20 19OE1	34.54	19NE2	25N20 220	42.18
19NE2	25N20 184NE1	79.08	19NE2	25N20 20C	91.23
19NE2	25N20 184CD1	79.14	19NE2	25N20 22N	76.95
19NE2	25N20 22C	53.71	19NE2	25N20 184CE2	90.08
19NE2	25N20 19CB	35.63	19CG	25N20 19OE1	37.15
19CG	25N20 220	61.25	19CG	25N20 184NE1	67.75
19CG	25N20 20C	67.89	19CG	25N20 184CD1	57.44
19CG	25N20 22N	80.74	19CG	25N20 22C	74.00
19CG	25N20 21CA	93.39	19CG	25N20 184CE2	80.81
19CG	25N20 19CB	11.02	190E1	25N20 220	76.29
190E1	25N20 184NE1	44.61	190E1	25N20 184CD1	46.08
190E1				25N20 184CE2	
				25N20 20C	67.58
220	25N20 22N	36.33	220		13.03
	25N20 21CA				
184NE1	25N20 184CD1	17.40	184NE1	25N20 184CE2	13.10
	25N20 19CB				43.20
	25N20 22C	68.49		25N20 21CA	
			184CD1	25N20 184CE2	
	25N20 19CB			25N20 22C	29.81
	25N20 21CA				69.93
	25N20 21CA				63.62
	25N20 19CB				91.71
162ND1	25C21 25SG	76.59	162ND1	25C21 162CE1	18.63

		T/	BLE XIV		
162ND1	25C21 162CG	18.63		25C21 1610	88.59
162ND1	25C21 25CB	58.66	162ND1	25C21 162CB	39.41
162ND1	25C21 19OE1	66.84	162ND1	25C21 162CA	48.39
162ND1	25C21 19NE2	91.07	162ND1	25C21 19CD	80.09
162ND1	25C21 162NE2	16.42	162ND1	25C21 161C	78.48
162ND1	25C21 184CZ2	60.80	162ND1	25C21 162CD2	15.86
162ND1	25C21 184NE1	63.09	162ND1	25C21 162N	62.96
25SG	25C21 162CE1	82.30	25SG	25C21 162CG	85.48
25 <i>S</i> G	25C21 1610	75.19	25SG	25C21 25CB	27.93
25 <i>S</i> G	25C21 162CB	86.01	25SG	25C21 19OE1	84.07
25SG	25C21 162CA	67.62	25SG	25C21 19NE2	71.84
25SG	25C21 19CD	81.26	25 <i>S</i> G	25C21 162NE2	89.59
25SG	25C21 161C	76.87	25 <i>S</i> G	25C21 162CD2	91.13
25SG	25C21 162N	73.63	162CE1		34.59
162CE1	25C21 25CB	58.15	162CE1	25C21 162CB	56.62
162CE1	25C21 19OE1	49.16	162CE1	25C21 162CA	67.01
162CE1	25C21 19NE2	75.88	162CE1	25C21 19CD	63.04
162CE1	25C21 162NE2	10.76	162CE1	25C21 161C	97.04
162CE1	25C21 184CZ2	52.78	162CE1	25C21 162CD2	25.92
162CE1	25C21 184NE1	46.57	162CE1	25C21 162N	81.54
162CG	25C21 1610	74.86	162CG	25C21 25CB	73.56
162CG	25C21 162CB	22.12	162CG	25C21 19OE1	83.74
162CG	25C21 162CA	37.08	162CG	25C21 19CD	97.60
162CG	25C21 162NE2	27.00	162CG	25C21 161C	64.13
162CG	25C21 184CZ2	58.58	162CG	25C21 162CD2	11.67
162CG	25C21 184NE1	71.27	162CG	25C21 162N	49.24
1610	25C21 25CB	96.45	1610	25C21 162CB	53.58
1610	25C21 162CA	40.31	1610	25C21 161C	10.85
1610	25C21 162CD2	86.16	1610	25C21 162N	25.81
25CB	25C21 162CB	84.13	25CB	25C21 19OE1	58.32
25CB	25C21 162CA	73.26	25CB	25C21 19NE2	55.61
	25C21 19CD	59.29	25CB	25C21 162NE2	67.37
25CB				25C21 162CD2	
	25C21 184NE1	89.62	25CB	25C21 162N	85.19
	25C21 162CA				
162CB	25C21 161C	42.74	162CB	25C21 184CZ2	70.53
162CB	25C21 162CD2	32.77	162CB	25C21 184NE1	90.36
	25C21 162N	28.88	190E1	25C21 19NE2	30.01
190E1	25C21 19CD	14.42	190E1	25C21 162NE2	57.58
	25C21 184CZ2	67.32	190E1	25C21 162CD2	74.15
	25C21 184NE1				
	25C21 161C				
	25C21 162CD2				
19NE2	25C21 19CD	16.41	19NE2	25C21 162NE2	85.63

		i e tal	ТА	BLE XIV			i.
19NE2	25C21	184CZ2	94.21	19NE2		63.87	:
19CD	25C21	162NE2	71.85	19CD	25C21 184CZ2	78.23	
19CD	25C21	162CD2	88.39	19CD	25C21 184NE1	47.85	
162NE2	25C21	161C	91.07	162NE2	TO MARK OF A SMILL AS HOUSE,	46.06	
162NE2	25C21	162CD2	16.57	162NE2	25C21 184NE1	47.02	
162NE2	25C21	162N	75.95	161C	25C21 162CD2	75.36	
161C	25C21	162N	15.54	184CZ2	300 0 400 0 4 1 1 2 1 1 2 4 1 2 1 2 4 1 2 1 2 4 1 2 1 1 1 1	49.06	
184CZ2	25C21	184NE1	30.38	184CZ2	25C21 162N	97.18	
162CD2	25C21	184NE1	59.61	162CD2	25C21 162N	60.72	. '
25SG	25C22	25CB	34.32	25 <i>S</i> G	25C22 25N	58.23	
25SG	25C22	230	96.62	25 <i>S</i> G	25C22 25CA	41.06	<i>:</i> '.
25sG	25C22	1610	88.83	25 <i>S</i> G	25C22 19NE2	94.39	:
25 <i>S</i> G	25C22	24N	94.80	25SG	25C22 162ND1	67.14	٠.
25SG	25C22	26N	28.02	25 <b>S</b> G	25C22 24C	63.81	÷
25SG	25C22	25C	28.81	25SG	25C22 162CA	61.80	
25SG	25C22	26CD1	59.67	25CB	25C22 25N	41.88	
25CB	25C22	23C	94.72	25CB	25C22 230	97.61	:: ::
25CB	25C22	25CA	20.48	25CB	25C22 19NE2	62.01	٠
25CB	25C22	24N	79.22	25CB	25C22 162ND1	50.87	٠.
25CB	25C22	26N	40.24	25CB	25C22 24C	51.06	
25CB	25C22	25C	25.68	25CB	25C22 162CA	70.19	
25CB	25C22	26CD1	77.04	25N	25C22 23CA	72.11	
25N	25C22	23C	53.07	25N	25C22 23O	56.89	
25N	25C22	25CA	21.75	25N	25C22 19NE2	46.70	
25N	25C22	24N	38.64	25N	25C22 162ND1	88.45	
25N	25C22	26N	36.83	25N	25C22 24C	9.50	٠.
25N	25C22	25C	29.43	25N	25C22 26CD1	53.68	
23CA	25C22	23C	23.35	23CA	25C22 230	37.19	
23CA	25C22	25CA	93.17	23CA	25C22 19NE2	58.05	::
23CA	25C22	24N	33.59	23CA	25C22 26N	99.96	
23CA	25C22	24C	64.82	23CA	25C22 26CD1	78.54	
23C	25C22	230	18.81	23C	25C22 25CA	74.82	٠.
23C	25C22	19NE2	57.79	23C	25C22 24N	16.66	r
. 2 2	25C22	26N	76.83	23C	25C22 24C	44.46	
	25C22	25C	78.94	23C	25C22 26CD1	57.31	
230	25C22	25CA	77.22	230	25C22 19NE2	74.75	
230	25C22	24N	30.81	230	25C22 26N	69.15	
230	25C22	24C	47.40	230	25C22 25C	76.13	
230	25C22	26CD1	41.43	25CA	25C22 19NE2	54.59	:
25CA		24N	60.09	25CA	25C22 162ND1	70.00	
	25C22	26N	30.49	25CA	25C22 24C	30.68	
	25C22	25C	15.62		25C22 162CA	89.97	
	25C22		62.21	4. 1. 9. 4. 4. 6.	25C22 162ND1	66.24	
1610	25C22	162CA	34.26	19NE2	25C22 24N	44.06	٠.
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				W. A. F.			
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			T/	BLE XIV			
19NE2	25C22	162ND1	75.31	19NE2		26N	82.03
19NE2	25C22	24C	49.24	19NE2		'M. J	69.71
19NE2	25C22	26CD1	96.23	24N	25C22		68.47
24N	25C22	24C	31.27	24N	25C22		66.84
24N	25C22	26CD1	59.64	162ND1			88.16
162ND1	25C22	24C	97.87	162ND1	25C22	100	75.88
162ND1	25C22	162CA	38.60	26N	25C22		39.22
26N	25C22	25C	15.72	26N		162CA	89.81
26N	25C22	26CD1	37.42	24C	25C22		35.57
24C	25C22	26CD1	47.97	25C		162CA	86.23
25C	25C22	26CD1	51.39	25SG	25023	25N	74.67
25SG	25023	25CB	38.15	25SG	25023	25CA	54.63
25 <i>S</i> G	25023	24C	85.79	25 <i>S</i> G	25023	26N	43.64
25 <i>S</i> G	25023	25C	46.38	25SG	25023	And the second second	92.56
25 <i>S</i> G	25023	26CD1	68.54	25SG	25023	162ND1	54.77
25SG	25023	240	79.70	23C	25023	Annual Control of the	73.70
23C	25023	23CA	31.55	23C	25023	230	24.72
23C	25023	24N	24.08	23C	25023		78.98
23C	25023	25CA	97.79	23C	25023	24C	59.01
23C	25023	24CA	36.52	23C	25023	23N	33.47
23C	25023	220	48.06	23C	25023	19CD	90.90
23C	25023	26N	92.04	23C	25023	25C	96.56
23C	25023	26CD1	66.16	23C	25023	22C	38.64
23C	25023	240	64.99	25N	25023	230	75.80
25N	25023	25CB	50.26	25N	25023	24N	53.76
25N	25023	19NE2	61.26	25N	25023	25CA	24.14
25N	25023	24C	14.83	25N	25023	24CA	37.18
25N	25023	23N	97.04	25N	25023	220	79.60
25N	25023	19CD	63.80	25N	25023	26N	37.49
25N	25023	25C	28.32	25N	25023	190E1	68.00
25N	25023	26CD1	60.48	25N	25023	22C	87.54
25N	25023	162ND1	89.51	25N	25023		9.64
23CA	25023	230	48.80	23CA	25023	4 %	46.69
23CA	25023	19NE2	77.35		25023	24C	86.89
23CA	25023	24CA	64.88	23CA	25023	23N	7.95
	25023	220	38.18	23CA	25023		87.87
23CA	25023	26CD1	93.73	23CA	25023	22C	23.48
23CA		240	93.16	230	25023	24N	42.48
	25023	25CA	97.01	230	25023	24C	61.75
	25023	24CA	43.63	230	25023		53.76
230	25023	220	72.77	230	25023	26N	79.20
		25C	89.58	230	25023	26CD1	44.93
230	25023	22C	62.49	230	25023	240	66.16
25CB	25023	19NE2	75.63	25CB	25023	25CA	26.15

			TAI	BLE XIV			
25CB	25023	24C	64.94	25CB	25023	24CA	87.43
25CB	25023	19CD	67.69	25CB	25023	26N	43.69
25CB	25023	25C	31.03	25CB	25023	190E1	57.73
25CB	25023	26CD1	83.37	25CB	25023	162ND1	43.20
25CB	25023	240	59.04	24N	25023	19NE2	59.02
24N	25023	25CA	77.52	24N	25023	24C	40.38
24N	25023	24CA	19.70	24N	25023	23N	44.10
24N	25023	220	40.11	24N	25023	19CD	70.43
24N	25023	26N	81.70	24N	25023	25C	80.42
24N	25023	190E1	85.06	24N	25023	26CD1	70.58
24N	25023	22C	39.18	24N	25023	240	46.65
19NE2	25023	25CA	66.95	19NE2	25023	24C	63.26
19NE2	25023	24CA	65.23	19NE2	25023	23N	69.48
19NE2	25023	220	39.17	19NE2	25023	19CD	11.94
19NE2	25023	26N	96.41	19NE2	25023	25C	81.46
19NE2	25023	190E1	27.37	19NE2	25023	22C	53.87
19NE2	25023	162ND1	76.87	19NE2	25023	240	65.05
25CA	25023	24C	38.79	25CA	25023	24CA	61.29
25CA	25023	220	96.77	25CA	25023	19CD	63.98
25CA	25023	26N	31.96	25CA	25023	25C	15.29
25CA	25023	190E1	61.11	25CA	25023	26CD1	68.99
25CA	25023	162ND1	67.28	25CA	25023	240	32.93
24C	25023	24CA	22.55	24C	25023	23N	84.41
24C	25023	220	71.79	24C	25023	19CD	68.91
24C	25023	26N	44.17	24C	25023	25C	40.07
24C	25023	190E1	76.59	24C	25023	26CD1	54.93
24C	25023	22C	77.02	24C	25023	240	6.27
24CA	25023	23N	63.29	24CA	25023	220	57.79
24CA	25023	19CD	74.68	24CA	25023	26N	62.01
24CA	25023	25C	61.72	24CA	25023	190E1	86.76
24CA	25023	26CD1	55.98	24CA	25023	22C	58.75
24CA	25023	240	28.67	23N	25023	220	30.31
23N	25023	19CD	79.92	23N	25023	190E1	93.90
23N	25023	26CD1		23N	25023	22C	15.63
23N	25023	240	90.66	220	25023	19CD	49.86
2	25023			220	25023	22C	14.70
220	25023	240	77.07	19CD	25023	26N	95.38
19CD	25023	25C	79.18	19CD	25023	190E1	15.44
19CD	25023		64.49	19CD	25023	162ND1	64.94
	25023				25023	25C	16.77
			92.94		25023	26CD1	39.94
26N			84.95		25023	240	38.78
			76.17	25C	25023	26CD1	55.41
25C	25023 1	62ND1	74.20	25C	25023	240	33.82

			TAB	LE XIV			
190E1	25023	22C	78.82	190E1	25023	162ND1	49.50
190E1	25023	240	75.54	26CD1	25023	240	54.16
22C	25023	240	82.96	162ND1	25023	240	99.10
640	25C24	610D1	49.69	640	25C25	610D1	65.86
640	25C25	64C	4.04	640	25C25	65CA	36.03
640	25C25	61CG	60.48	640	25C25	65N	18.55
610D1	25C25	64C	66.57	610D1	25C25	65CA	65.57
610D1	25C25	61CG	12.80	610D1	25C25	65N	65.27
64C	25C25	65CA	32.21	64C	25C25	61CG	62.08
64C	25C25	65N	14.69	65CA	25C25	61CG	68.81
65CA	25C25	65N	17.52	61CG	25C25	65N	64.30
640	25C26	610D1	75.97	640	25C26	65CA	46.13
640	25C26	65C	60.97	640	25C26	64C	10.65
640	25C26	66N	77.86	640	25C26	61CG	67.54
640	25C26	65N	27.99	640	25C26	650	58.42
640	25C26	61CB	50.52	610D1	25C26	65CA	81.67
610D1	25C26	65C	66.87	610D1	25C26	64C	74.15
610D1	25C26	66N	75.37	610D1	25C26	61CG	10.88
610D1	25C26	65N	75.81	610D1	25C26	650	51.81
610D1	25C26	61CB	25.47	65CA	25C26	65C	22.26
65CA	25C26	64C	35.83	65CA	25C26	66N	33.99
65CA	25C26	61CG	80.84	65CA	25C26	65N	18.46
65CA	25C26	650	32.38	65CA	25C26	61CB	65.67
65C	25C26	64C	50.43	65C	25C26	66N	17.99
65C	25C26	61CG	69.56	65C	25C26	65N	34.42
65C	25C26	650	15.34	65C	25C26	61CB	58.96
64C	25C26	66N	67.22	64C	25C26	61CG	67.20
64C	25C26	65N	17.48	64C	25C26	650	48.92
64C	25C26	61CB	49.45	66N	25C26	61CG	80.82
66N	25C26	65N	50.23	66N	25C26	650	29.57
66N	25C26	61CB	73.71	61CG	25C26	65N	71.80
61CG	25C26	And the second	54.22	61CG	25C26	61CB	17.81
		A A A	36.92	65N	25C26	61CB	54.59
650	25C26	61CB	44.43	610D1	25C27	640	56.92
610D1 610D1		66N 65CA	69.33		25C27		57.67
640	25C27 25C27	5.5	66.06	610D1 640	25C27 25C27	61CG 65C	5.76 48.11
640	1.1. (1.10)	65CA	63.73 35.11		25C27	61CG	54.18
66N	25C27	67CE2			25C27	65C	16.74
66N	25C27	65CA	75.89 30.26	66N	25C27	61CG	73.19
66N	25C27	670H	95.43	67CE2	25C27		91.10
67CE2	25C27		29.04	65C	25C27	65CA	18.79
65C	25C27	61CG	60.50		25C27		67.06
ang	25C28	67CE2	87.37	670H	25C28	67CE2	29.20
		J , C22	J J.	2 / 011			22.20

TABLE XIV										
67CE2	25C30	66CA	87.59	67CE2	25C30	67CD2	20.16			
67CE2	25C30	67CZ	18.73	67CE2	25C30	670H	34.56			
67CE2	25C30	66C	70.31	67CE2	25C30	660	70.72			
67CE2	25C30	67CG	25.18	66N	25C30	610D1	77.24			
66N	25C30	66CA	21.80	66N	25C30	67CD2	87.09			
66N	25C30	65C	18,44	66N	25C30	66C	34.83			
66N	25C30	660	37.41	66N	25C30	650	28.55			
66N	25C30	65CA	30.87	66N	25C30	67CG	79.90			
610D1	25C30	66CA	79.21	610D1	25C30	65C	61.19			
610D1	25C30	66C	99.06	610D1	25C30	650	48.69			
610D1	25C30	65CA	65.35	66CA	25C30	67CD2	68.10			
66CA	25C30	67CZ	95.64	66CA	25C30	65C	34.85			
66CA	25C30	66C	20.50	66CA	25C30	660	32.31			
66CA	25C30	650	36.26	66CA	25C30	65CA	51.45			
66CA	25C30	67CG	63.14	67CD2	25C30	67CZ	35.10			
67CD2	25C30	670H	53.38	67CD2	25C30	66C	52.50			
67CD2	25C30	660	56.67	67CD2	25C30	67CG	11.66			
67CZ	25C30	670H	19.01	67CZ	25C30	66C	75.82			
67CZ	25C30	660	70.92	67CZ	25C30	67CG	34.09			
65C	25C30	66C	52.09	65C	25C30	660	55.84			
65C	25C30	650	14.76	65C	25C30	65CA	18.69			
65C	25C30	67CG	97.10	670H	25C30	66C	93.31			
670H	25C30	660	85.90	670H	25C30	67CG	53.10			
66C	25C30	660	15.93	66C	25C30	650	56.33			
66C	25C30	65CA	65.39	66C	25C30	67CG	45.14			
660	25C30	650	64.17	660	25C30	65CA	64.29			
660	25C30	67CG	46.61	650	25C30	65CA	29.99			
650	25C30	67CG	98.82	67CE2	25031	67CZ	25.44			
67CE2	25031	670H	43.21	67CE2	25031	67CD2	21.71			
67CE2	25031	660	86.23	67CE2	25031	66C	79.23			
67CE2	25031	66CA	90.96	67CE2	25031	67CE1	36.09			
67CE2	25031		31.92	67CE2	25031	67CD1	36.21			
67CE2	25031	67N	65.41	67CZ		670H	23.53			
67CZ		67CD2	40.63	67CZ	25031	660	90.28			
67CZ	25031	66C	90.73	67CZ	25031	67CE1	17.83			
67CZ	25031		39.73	67CZ		67CD1	30.41			
	25031	67N	78.58	670H	25031	67CD2	62.56			
	25031		36.02	670H	25031	67CG	63.25			
	25031		52.26	67CD2	25031	660	66.16			
	25031	66N	90.96	67CD2		66C	57.61			
39 April 1985	25031		69.91	67CD2	25031		41.91			
67CD2		67CG	16.99	67CD2		67CD1	31.58			
	25031	67N	43.75			66N	42.55			
660	25031	66C	18.09	660	25031	66CA	35.81			

			ТА	BLE XIV			
660	25031	67CE1	75.32	660	25031	67CG	54.80
660	25031	65C	57.68	660	25031		59.89
660	25031	67N	27.36	660	25031		66.84
66N	25031	66C	37.22	66N	25031		21.24
66N	25031	67CG	88.11	66N	25031		15.16
66N	25031		99.35	66N	25031	67N	49.30
66N	25031	65CA	28.53	66C	25031	66CA	21.98
66C	25031	67CE1	79.50	66C	25031	67CG	51.32
66C	25031		51.46	66C	25031	67CD1	62.32
66C	25031	14 W	13.91		25031	65CA	65.42
66CA		67CE1	99.90	66CA	25031	67CG	68.85
66CA	25031		32.23		25031	67CD1	82.55
66CA	25031		30.44	66CA	25031	65CA	48.87
67CE1			33.08	67CE1	Mary Mill (Migra	67CD1	17.35
67CE1	To year had	190	69.51	67CG	25031		17.79
67CG	25031		38.86	65C	25031	67N	62.38
65C	25031		17.93	67CD1	25031	67N	52.17
67N 660	25031	65CA	77.82	660	25C32	66N	41.03
660	25C32 25C32		76.35	660	25C32	670H	95.33
660	25C32	67CE2 66CA	69.48	660	25C32	66C	15.10
660	25C32	65C	31.92 56.36	660 660	25C32	65CA	69.81
660	25C32	6.50	53.70	66N	25C32	67CE1	66.82
66N		66C	33.67	66N	25C32 25C32	67CE2	87.72
66N	25C32	65CA	31.90	66N	25C32	66CA 65C	17.88
66N	25C32	67CD2	73.68	67CZ	25C32	670H	15.39 19.19
67CZ	25C32		19.23	67CZ	25C32	66C	73.63
67CZ	25C32		85.66	67CZ	25C32	67CE1	16.63
67CZ	25C32	67CD2	30.02	670H	25C32	67CE2	33.49
670H	25C32		92.69	670н	はちょ かんきんこうかい	67CE1	
670H	25C32	67CD2	47.69		25C32		62.32
67CE2	25C32	66CA			25C32		96.55
67CE2	25C32	67CE1	30.87		25C32		16.03
66C	25C32	66CA	19.46	66C		65CA	65.30
66C	25C32	65C	48.62	66C		67CE1	68.20
66C	25C32	67CD2	46.37	66CA	25C32		49.19
and the second second	25C32	65C	30.83		25C32		84.10
66CA	25C32	67CD2	55.84		25C32		19.14
65C	25C32		84.41	67CE1	25C32	67CD2	33.97
670H	25033	67CZ	16.87	670H	25033	66N	97.69
670H	25033	_	28.97	670H	25033		89.11
67CZ	25033	66N	81.70	67CZ	25033	67CE2	16.30
67CZ	***	1600	93.56	66N	25033	67CE2	69.22
660	25C34	66N	39.13	660	25C34	65CA	71.17
							1 11 10

				(m)		
	660	25C34 25SG		ABLE XIV	in the balls of the first again, the first filter	
	660	25C34 66C	9.91		a a salah di Liyakeri keribalah lalah d	53.66
	66N	25C34 25SG			25C34 65CA 25C34 65C	
	66N	25C34 66C				14.62
	1610	25C34 25SG		1610	25C34 161C	15.14
	65CA			65CA		61.47
	65CA		62.76		25C34 25SG	18.14 68.39
	161C	25C34 1600		25SG		84.17
i indur Ngjaraj	25SG		90.62		25C34 66C	44.86
₹1	1610	25C35 1600		1610	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	18.16
	1610				25C35 161CA	33.51
	1610	10 X			25C35 160C	64.27
	1610	25C35 25SG			25C35 162CA	
	3 ***	25C35 161N			25C35 162C	54.37
		25C35 161C			25C35 162N	63.10
	1600			1600	25C35 160C	13.43
	1600	25C35 162CA	80.67		25C35 161N	27.44
	1600	25C35 162C			25C35 162N	17.93
	161C	25C35 161CA		161C	25C35 163N	61.49
	161C	25C35 160C	48.25		25C35 25SG	75.24
	161C	25C35 162CA	• • • • • • • • • • • • • • • • • • • •	161C	25C35 161N	32.29
	161C	25C35 162C	47.54	660	25C35 25SG	85.01
	162N	25C35 161CA	32.91	162N	25C35 163N	45.91
6	162N	25C35 160C	50.42	162N	25C35 25SG	71.74
v.	162N	25C35 162CA	17.88	162N	25C35 161N	35.87
	162N	25C35 162C	30.79	161CA	25C35 163N	78.80
	161CA	25C35 160C	31.32	161CA	25C35 25SG	95.35
	161CA	25C35 162CA	49.73	161CA	25C35 161N	17.33
•	161CA	25C35 162C	63.45	163N	25C35 160C	88.14
	163N	25C35 25SG	47.65	163N	25C35 162CA	30.56
	163N		77.99	163N	25C35 162C	15.86
	160C	25C35 162CA	67.69	1.7 (4.7)	25C35 161N	15.98
	160C	25C35 162C	72.94		25C35 162CA	55.42
		25C35 162C	57.22			53.66
(=	162CA		18.43			62.17
·	660	25C36 163CB			25C36 66C	0.80
	660	25C36 25SG	91.26		25C36 68SD	70.79
•	660	25C36 26CB			25C36 163N	35.50
	163CB	25C36 163CA	19.65	•	25C36 134CB	72.59
<b>1</b>	163CB				25C36 25SG	58.45
	163CB 163CB				25C36 162N	79.29
	163CB		92.40		25C36 26CB	57.89
	163N	25C36 163CA 25C36 162C	19.24	:	25C36 134CB	72.07
	70714	23036 1620	15.66	163N	25C36 25SG	48.74
÷		*			· · · · · · · · · · · · · · · · · · ·	

			<b>.</b>	ABLE XIV		
163N	25C36	1600	94.75	163N	25C36 68SD	80.23
163N	25C36	162N	44.07		25C36 161C	56.92
163N	25C36	26CB	84.19	internation of	25C36 134CB	63.35
163CA	25C36	162C	30.81			59.31
163CA	25C36	68SD	61.48	26 1. 14. 15	25C36 162N	60.75
163CA	25C36	161C	74.90	ing a second of the second	25C36 26CB	76.21
134CB	25C36	162C	66.02	* * * * * * * * * * * * * * * * * * *	25C36 1600	71.49
134CB	25C36	68SD	70.15	134CB	25C36 162N	74.57
134CB	25C36	161C	86.37	162C	25C36 25SG	57.47
162C	25C36	1600	79.13	162C	25C36 68SD	91.74
162C	25C36	162N	29.94	162C	25C36 161C	44.33
162C	25C36	26CB	99.68	66C	25C36 25SG	91.85
66C	25C36	68SD	71.28	66C	25C36 26CB	45.17
25SG	25C36	68SD	94.27	25SG	25C36 162N	65.87
25SG	25C36	161C	65.98	25SG	25C36 26CB	58.75
1600	25C36		52.97	1600	25C36 161C	46.61
68SD	25C36	26CB	51.40	162N	25C36 161C	15.56
660	25C37	67CD1	72.85	660	25C37 67CE1	84.55
660	25C37	66C	7.48	660	25C37 67CG	55.90
660	25C37	67CZ	77.27	660	25C37 67CA	36.66
660	Y	68SD	75.55		25C37 163CB	87.96
660	25C37	68CE	96.44	660	25C37 67N	20.80
67CD1	25C37	67CE1	21.00	a karanta antara ka	25C37 209CD2	54.83
67CD1			65.41	67CD1	1. 3.2. N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	16.96
67CD1	25C37	67CZ	32.06	67CD1	25C37 67CA	45.91
67CD1	25C37	68SD	86.51	67CD1	25C37 68CE	88.92
67CD1	25C37	67N	53.96	67CE1	25C37 209CD2	57.96
67CE1	25C37	66C	77.24	67CE1	25C37 67CG	32.77
67CE1	25C37	67CZ	16.58	67CE1	a et alt uit 19 laguillean tulijiste – Mar	64.93
67CE1	25C37	67N	69.10	209CD2	25C37 134CB	54.20
209CD2	25C37	67CG	69.67	209CD2	25C37 67CZ	74.22
209CD2	25C37	4.5			25C37 68SD	72.35
209CD2			57.34			98.27
66C	25C37 1 25C37		99.57	66C	25C37 67CG	48.46
66C	25C37		70.63		25C37 67CA	31.49
66C		68SD	76.55		25C37 163CB	93.59
134CB		68CE	96.76		25C37 67N	14.69
134CB	25C37	68SD	73.29 52.90	134CB 134CB		66.42
	500 f 3 6 6		36.23	67CG		70.87
67CG		68SD	83.13		25C37 67CA 25C37 68CE	32.41
67CG		THE ST. 12 TO 1	37.47	67CZ	25C37 68CE	91.57
67CZ		67N	66.38	67CZ	25C37 1600	67.51
67CA	25C37	68SD	57.53	67CA	25C37 160C	95.75 92.22
	,		J	O.C.	. 2000 . 2000	74.66

			TA	BLE XIV			*
67CA	25C37	68CE	73.28	67CA	25C37	67N	17.05
68SD	25C37	- 125 17064470 A	43.37	68SD	25C37	68CE	21.25
68SD	25C37		68.73	163CB	25C37	68CE	46.72
163CB	25C37		95.05	68CE	25C37		87.13
660	25C38	26CB	65.13	660	25C38	66C	6.46
660	25C38	26CA	86.69	660	25C38	26N	
660	25C38		86.25	660	25C38	26CG	98.55
660	25C38		64.07	660	25C38	66N	59.16
660	25C38	67CA	29.20	660	25C38		34.26
660	25C38		18.99	163CB	25C38	67N	14.41
163CB	25C38	25 <b>S</b> G	73.30	163CB	25C38	26CB	81.15
163CB	25C38	n imana ing	60.80	163CB	25C38	5	37.84
163CB		163CA	18.86	163CB	25C38	26N	60.85
163CB	25C38		95.41	163CB		68SD	54.22
26CB	25C38		80.09	26CB	25C38		48.20
26CB	25C38	255G 26CA	21.77		25C38	66C	58.81
26CB	The second second	163CA	98.31	26CB	25C38		35.93
26CB	1 5 10 7 5 1 15 JON 1 W	26CG	18.06	26CB	W. A	68SD	66.22
26CB	25C38		65.47	26CB	25C38	26CD1	34.61
26CB	25C38	67N	56.77	26CB	25C38	67CA	61.54
25SG	25C38		55.98	26CB	25C38	66CA	58.47
25SG	25C38	3.74		25SG	25C38	26CA	68.25
25SG 25SG	25C38	26N	47.87	25SG	and the state of t	163CA	68.75
25SG 25SG	25C38	26CG	73.64	25SG	25C38	26CD1	61.85
163N		66N	91.11	25SG	25C38		60.63
	25C38	26CA	87.46	163N	25C38	26N	76.37
163N 163N	25C38	163CA	20.53	163N	25C38	68SD	89.44
66C	25C38		12.27	66C	25C38	26CA	80.45
66C	25C38	26N	92.09	66C	25C38	68SD	84.88
	25C38	26CG	52.75	66C	25C38	26CD1	58.32
66C	25C38 25C38	66N	32.59	66C	25C38	67CA	29.60
		67N	12.87	66C	25C38	66CA	15.91
26CA		26N	20.39				and the state of the state of
	25C38	68SD				26CG	34.72
26CA			45.79	6.655	25C38		84.74
26CA	25C38		78.68	26CA		67N	77.24
26CA		66CA	79.85		25C38		99.66
26N	25C38		72.27	26N			79.71
26N	25C38		39.78		25C38		42.14
26N	25C38		85.55		25C38		97.07
26N	25C38		92.29	26N	25C38		86.55
26N	25C38		87.67	163CA	25C38		68.96
163CA	25C38		29.60	68SD	25C38		83.61
68SD	25C38		57.57	4 - 4	25C38	. **	72.28
68SD	25C38	66CA	98.54	68SD	25C38	162C	96.25

			ТА	BLE XIV			
26CG	25C38	26CD1	17.49	26CG	25C38	66N	50.02
26CG	25C38	67CA	65.74	26CG	25C38	67N	55.48
26CG	25C38	66CA	47.14	26CD1	25C38	66N	43.47
26CD1	25C38	67CA	78.32	26CD1	25C38	67N	64.92
26CD1	25C38	66CA	47.51	66N	25C38	67CA	62.18
66N	25C38	67N	45.30	66N	25C38	66CA	17.02
67CA	25C38	67N	17.03	67CA	25C38	66CA	45.35
67N	25C38	66CA	28.38	65CA	25C39	66N	38.23
65CA	25C39	660	77.80	65CA	25C39	65C	20.22
65CA	25C39	26CD1	57.59	65CA	25C39	65N	12.86
65CA	25C39	230	51.79	65CA	25C39	66CA	49.23
25SG	25C39	1610	71.00	25SG	25C39	26CD1	64.51
25 <i>S</i> G	25C39	161C	75.18	25SG	25C39	230	59.23
66N	25C39	660	39.58	66N	25C39	65C	18.09
66N	25C39	26CD1	47.02	66N	25C39	65N	50.53
66N	25C39	230	71.29	66N	25C39	66CA	11.02
660	25C39	65C	57.60	660	25C39	26CD1	57.39
660	25C39	65N	89.89	660	25C39	230	96.66
660	25C39	66CA	28.57	1610	25C39	161C	12.79
65C	25C39	26CD1	48.36	65C	25C39	65N	32.45
65C	25C39	230	59.69	65C	25C39	66CA	29.05
26CD1	25C39	65N	60.85	26CD1	25C39	230	40.56
26CD1	25C39	66CA	47.30	65N	25C39	230	44.53
65N	25C39	66CA	61.43	230	25C39	66CA	77.82
66N	25040	65CA	49.46	66N	25040	26CD1	65.76
66N	25040	65C	23.27	66N	25040	660	49.28
66N	25040	66CA	14.40	66N	25040	26CG	63.42
66N	25040	65N	61.07	66N	25040	26NE1	58.78
66N	25040	66C	34.93	66N	25040	230	92.25
66N	25040	26CB	74.00	66N	25040	650	24.57
65CA	25040	26CD1	79.08	65CA	25040	65C	27.14
65CA	25040	660	98.43	65CA	25040	66CA	63.57
65CA	25040	26CG	90.14	65CA	25040	65N	13.53
65CA	25040	26NE1	63.17	65CA	25040	66C	84.39
65CA	25040	230	63.91	65CA	25040	650	28.53
	25040	65C	65.35	26CD1	25040	25SG	80.06
26CD1	25040	660	75.51	26CD1	25040	66CA	61.87
26CD1	25040	26CG	17.43	26CD1	25040	65N	76.84
	25040	26NE1	16.20	26CD1	25040	66C	66.92
26CD1	25040	230	50.44		25040	26CB	36.73
26CD1	25040	650	60.57	26CD1		26N	42.40
65C	25040	660	72.49	65C		66CA	36.77
	25040	26CG	70.55	65C	25040	65N	37.88
65C	25040	26NE1	52.57	65C	25040	66C	57.85

WO 97/1617	7					PC	T/US96/1751
				3	*		
			TA	BLE XIV			
65C	25040	230	74.40	65C	25040	26CB	86.99
65C	25040	650	4.93	25SG	25040	26CG	82.32
25 <i>S</i> G	25040	26NE1	89.52	25SG	25040	230	68.61
25SG	25040	26CB	75.26	25 <i>S</i> G	25040	26N	44.90
660	25040	66CA	36.06	660	25040	26CG	60.15
660	25040	26NE1	82.09	660	25040	66C	15.20
660	25040	26CB	51.97	660	25040	650	73.07
660	25040	26N	81.84	66CA	25040	26CG	55.19
66CA	25040	65N	74.60	66CA	25040	the second programming	59.26
66CA	25040	- 1000のアイグルタチ	21.11	66CA	25040	230	98.28
66CA	25040	26CB	62.10	66CA	25040	650	37.02
66CA	25040	26N	91.86	26CG	25040	65N	90.75
26CG	25040	Marine State of the second	31.46	26CG	25040	66C	54.19
26CG	25040	230	67.47	26CG	25040	26CB	20.67
26CG	25040		66.40	26CG	25040		38.44
65N	25040		60.66	65N	25040		95.71
65N	25040	230	52.18	65N	25040	a managaran sa	37.84
26NE1	25040	66C	70.37	26NE1	25040	230	42.57
26NE1	25040	(8) 80 (a) 22. (b) 4.	51.93	26NE1	25040	650	47.64
26NE1	25040	26N	57.31	66C	25040	26CB	52.36
66C	25040	650	58.10	66C	25040		83.81
230	25040		83.39	230	25040	650	70.59
230	25040	26N	67.33	26CB	25040	650	83.51
26CB	25040	26N	31.46	25SG	25N41		86.79
25SG	25N41		87.19	25SG	25N41		62.77
25SG	25N41	66N	93.69	1610	25N41		11.62
65CA	25N41	230	51.79	65CA	25N41	65N	15.59
65CA	25N41		29.14	230	25N41		44.44
230	A. A. S.		64.51	65N	25N41		44.25
25SG	25N42 25N42	230 23C	85.08 83.87	25SG	25N42	23CA	98.91
25SG	25N42 25N42	25CB	The state of the state of	ひきんだめる でい	25N42		78.66
25SG	25N42	25CD1	15.26 63.71	25SG	25N42	25N	39.74
230	25N42	23CA	37.86	25SG	25N42	24N	72.85
230	1 AV 1	65CA	60.94	230	25N42		18.24
230	25N42	65N	52.05	230 230	25N42 25N42	25CB 25N	79.36
230	25N42	26CD1		230	25N42 25N42		48.33 25.15
	25N42	23C	22.71	a a sa a sa ili di	25N42	65CA	87.12
23CA	25N42	25CB	85.89		25N42 25N42	65N	70.74
23CA		25N	60.69	23CA	25N42	26CD1	80.64
23CA	25N42		29.02	23C	25N42		77.61
23C	25N42	25CB	74.03	23C	25N42	65N	65.78
23C	25N42		44.16	23C	25N42		58.52
23C	25N42	1.31.31.11.2.2.32.4	11.74	65CA	25N42	65N	18.58
				8	Y	100	

			TA	BLE XIV			
65CA	25N42	25N	98.97	65CA	25N42	26CD1	51.99
65CA	25N42	24N	86.08	1610	25N42	25CB	84.39
25CB	25N42	25N	31.12	25CB	25N42	26CD1	68.91
25CB	25N42	24N	62.41	65N	25N42	25N	97.62
65N	25N42	26CD1	59.56	65N	25N42	24N	76.12
25N	25N42	26CD1	50.78	25N	25N42	24N	33.18
26CD1	25N42	24N	57.77	660	25N43	66N	50.46
660	25N43	66C	15.63	660	25N43	66CA	35.78
660	25N43	65CA	83.97	660	25N43	65C	66.03
660	25N43	67CZ	75.44	660	25N43	67CE2	67.55
660	25N43	67CE1	68.04	660	25N43	67N	16.30
66N	25N43	66C	39.54	66N	25N43	66CA	19.49
66N	25N43	65CA	35.70	66N	25N43	65C	15.67
66N	25N43	67CE2	84.94	66N	25N43	67N	47.36
66C	25N43	66CA	21.89	66C	25N43	65CA	75.04
66C	25N43	65C	55.08	66C	25N43	67CZ	72.67
66C	25N43	67CE2	61.03	66C	25N43	67CE1	69.65
66C	25N43	67N	8.63	66CA	25N43	65CA	54.94
66CA	25N43	65C	34.13	66CA	25N43	67CZ	83.41
66CA	25N43	67CE2	68.23	66CA	25N43	67CE1	85.39
66CA	25N43	67N	28.69	65CA	25N43	65C	21.08
65CA	25N43	67N	83.04	65C	25N43	67CE2	93.39
65C	25N43	67N	62.65	67CZ	25N43	67CE2	16.72
67CZ	25N43	67CE1	16.22	67CZ	25N43	67N	64.53
67CE2	25N43	67CE1	28.45	67CE2	25N43	67N	53.83
67CE1	25N43	67N	61 03				

TABLE XV

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Ångstroms of the inhibitor 2-[N-(3-benzyloxybenzoyl)]-2:-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide:

Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
184CD1	25C1	184CB	39.64	184CD1	25C1	184CG	20.72
184CD1	25C1	1840	79.67	184CD1	25C1	180D1	92.08
184CD1	25C1	184CA	45.35	184CD1	25C1	184C	65.97
184CD1	25C1	18CG	95.35	184CD1	25C1	200	95.11
184CD1	25C1	184NE1	15.46	184CD1	25C1	184CD2	28.37
184CB	25C1	184CG	22.78	184CB	25C1	1840	43.71
184CB	25C1	180D1	91.44	184CB	25C1	184CA	22.80
184CB	25C1	18ND2	86.39	184CB	25C1	184C	35.31
184CB	25C1	18CG	84.04	184CB	25C1	184NE1	51.55
184CB	25C1	184CD2	34.26	184CG	25C1	1840	66.36
184CG	25C1	184CA	38.32	184CG	25C1	184C	56.18
184CG	25C1	18CG	98.73	184CG	25C1	184NE1	29.35
184CG	25C1	184CD2	15.76	1840	25C1	180D1	69.22
1840	25C1	184CA	35.76	1840	25C1	18ND2	48.03
1840	25C1	184C	16.21	1840	25C1	18CG	54.71
1840	25C1	184NE1	93.86	1840	25C1	184CD2	77.07
180D1	25C1	184CA	68.65	180D1	25C1	18ND2	32.37
180D1	25C1	184C	63.21	180D1	25C1	18CG	16.11
180D1	25C1	200	62.46	184CA	25C1	18ND2	67.26
184CA	25C1	184C	20.72	184CA	25C1	18CG	62.00
184CA	25C1	184NE1	60.54	184CA	25C1	184CD2	53.33
18ND2	25C1	184C	51.16	18ND2	25C1	18CG	17.75
18ND2	25C1	200	89.83	184C	25C1	18CG	51.58
184C	25C1	184NE1	80.98	184C	25C1	184CD2	69.47
18CG	25C1	200	77.96	200	25C1	184NE1	90.38
184NE1	25C1	184CD2	28.12	180D1	25C2	184CA	82.66
180D1	25C2	200	82.02	180D1	25C2	18CG	17.46
180D1	25C2	20N	42.19	180D1	25C2	18ND2	35.11
180D1	25C2	1840	74.48	180D1	25C2	19CG	79.73
180D1	25C2	184C	70.99	180D1	25C2	1830	67.05

	WO 97/1617	7					PC	T/US96/17512	
			+						
1 1			mai . V		ABLE XV				
	180D1	25C2	20CA	48.76		25C2	20C	68.51	
	180D1	25C2	19N:	41.49	S. 100 0 5 3 11 1		184N	80.79	
	180D1	25C2	19C	47.40	180D1	25C2	183C	74.42	
	180D1	25C2	18CB	20.67	184CD1	25C2		49.69	
	184CD1	25C2	184CG	20.47	184CD1	7.1.0	184CB	40.02	
	184CD1	25C2	1840	80.18	184CD1	25C2	19CG	63.56	
	184CD1	25C2	184C	69.76	184CD1	25C2	184NE1	15.99	
	184CD1	25C2	1830	53.74		25C2	19N	85.37	
	184CD1	25C2	184N	44.38		25C2	184CD2	23.21	
	184CD1	25C2	183C	46.49	184CA	25C2	18CG	70.97	
	184CA	25C2	184CG	39.55	184CA	25C2	18ND2	72.06	
	184CA	25C2	184CB	22.96	184CA	25C2	1840	35.00	
	184CA	25C2	19CG	83.11	184CA	25C2	184C	20.65	
	184CA	25C2	184NE1	65.57	184CA	25C2	1830	40.23	
	184CA	25C2	19N	70.98	184CA	25C2	184N	13.04	
	184CA	25C2	184CD2	51.91	184CA	25C2	183C	28.28	
	184CA	25C2	18CB	62.55	200	25C2	18CG	98.28	
	200	25C2	20N	45.78	200	25C2	19CG	69.54	
	200	25C2	20CA	33.26	200	25C2	20C	13.52	
	200	25C2	19N	80.94	200	25C2	2410H2	94.87	
	200	25C2	19C	50.12	18CG	25C2	20N	59.60	
	18CG	25C2	18ND2	19.96	18CG	25C2	184CB	91.12	
	18CG	25C2	1840	57.44	18CG	25C2	19CG	91.35	
	18CG	25C2	184C	56.05	18CG	25C2		66.77	
	18CG	25C2	20CA	65.32	18CG	25C2	20C	84.82	
	18CG	25C2	19N	51.19	18CG	25C2	184N	72.42	
4	18CG	25C2	19C	64.04	18CG	25C2	183C	70.48	
	18CG	25C2	18CB	11.35	184CG	25C2	184CB	22.17	
÷.	184CG	25C2	1840	63.20	184CG	25C2	19CG	82.47	
	184CG	25C2	184C	56.51	184CG	25C2	184NE1	31.65	
	184CG	25C2	1830	60.77	184CG	25C2	19N	95.86	
	184CG	25C2	184N	40.46	184CG	25C2	184CD2	12.76	
	184CG	25C2	183C	49.79	20N	25C2	18ND2	76.27	
	20N	25C2	19CG	52.54	20N		1830	72.94	•
	20N	25C2	20CA	19.39	20N	25C2	20C	34.03	
	20N	25C2	19N	38.18	20N		184N	99.39	-
nia i	20N	25C2	19C	11.58	20N	25C2	183C	85.38	
	20N	25C2	18CB	59.41	18ND2	25C2	184CB	87.16	

				ABLE XV			
18ND2			47.43		25C2		52.81
18ND2			80.93		100		77.11
18ND2		20C	94.81	18ND2	25C2	19N	70.92
18ND2		184N	77.97	18ND2	25C2	2410H2	87.90
18ND2	25C2	19C	82.49	18ND2	25C2	183C	81.11
18ND2	25C2		28.59	184CB	25C2	1840	41.08
184CB	25C2	19CG	93.42	184CB	25C2	184C	35.36
184CB	25C2	184NE1	53.47	184CB	25C2	1830	58.06
184CB	25C2	19N	92.03	184CB	25C2	184N	30.81
184CB	25C2	2410H2	98.67	184CB	25C2	184CD2	32.23
184CB	25C2	183C	45.37	184CB	25C2	18CB	84.11
1840	25C2	184C	16.82	1840	25C2	184NE1	94.48
1840	25C2	1830	69.02	1840	25C2	19N	87.53
1840	25C2	184N	47.05	1840	25C2	2410H2	86.44
1840	25C2	184CD2	71.78	1840	25C2	183C	59.90
1840	25C2	18CB	55.54	19CG	25C2	184C	97.61
19CG	25C2	184NE1	62.79	19CG	25C2	1830	45.36
19CG	25C2	20CA	67.99	19CG	25C2	20C	68.52
19 <b>C</b> G	25C2	19N	40.19	19CG	25C2	184N	70.06
19CG	25C2	19C	41.14	19CG	25C2	184CD2	86.47
19CG	25C2	183C	55.31	19CG	25C2	18CB	82.88
184C	25C2	184NE1	85.37	184C	25C2	1830	52.27
184C	25C2	19N	73.95	184C	25C2	184N	31.18
184C	25C2	184CD2	67.55	184C	25C2	183C	43.16
184C	25C2	18CB	50.40	184NE1	25C2	1830	65.82
184NE1	25C2	19N	93.08	184NE1	25C2	184N	60.22
184NE1	25C2	184CD2	27.19	184NE1	25C2	183C	60.67
1830	25C2	20CA	92.25	1830			35.35
1830	25C2	184N	28.06	1830	25C2	19C	63.84
		184CD2					12.70
1830	25C2	18CB	55.43	20CA	25C2	20C	19.77
20CA		2.00 1 1 1 1 1 1	57.18	W. W. Charles			29.86
20CA	25C2	18CB					71.24
20C	25C2	2410H2	99.96	20C	25C2	19C	40.54
	25C2		88.76				61.22
19N	25C2	19C	30.91	19N		183C	47.43
19N	25C2	18CB	42.94	184N	25C2	19C	91.32
184N	25C2	184CD2	53.18	184N	25C2	183C	15.60

WO 97/161	77					PC	T/US96/1751:
			T	ABLE XV			
184N	25C2	18CB	62.40	2410H2	25C2	184CD2	94.01
19C	25C2	183C	76.51	19C	25C2	18CB	61.35
184CD2	25C2	183C	61.73	183C	25C2	18CB	59.34
200	25C3	19CG	91.80	200	25C3	20N	53.46
200	25C3	180D1	84.67	200	25C3	20C	13.71
200	25C3	20CA	35.80	200	25C3	19CD	97.07
200	25C3	19C	58.10	200	25C3	19N	89.89
200	25C3	19CB	82.19	200	25C3	18CG	93.78
200	25C3	19CA	76.43	200	25C3	19NE2	84.73
200	25C3	21N	7.78	184CD1	25C3	19CG	71.43
184CD1	25C3	184NE1	19.86	184CD1	25C3	19CD	64.18
184CD1	25C3	184CG	15.82	184CD1	25C3	1830	49.75
184CD1	25C3	19N	83.17	184CD1	25C3	184CA	39.91
184CD1	25C3	19CB	82.78	184CD1	25C3	18CG	94.02
184CD1	25C3	19CA	92.64	184CD1	25C3	19NE2	76.30
184CD1	25C3	184CB	30.78	184CD1	25C3	190E1	50.83
184CD1	25C3	184CE2	22.67	19CG	25C3	20N	61.01
19CG	25C3	180D1	81.71	19CG	25C3	20C	85.09
19CG	25C3	184NE1	72.26	19CG	25C3	20CA	79.11
19CG	25C3	19CD	19.52	19CG	25C3	184CG	85.19
19CG	25C3	19C	46.68	19CG	25C3	1830	45.20
19CG	25C3	19N	40.95	19CG	25C3	184CA	79.09
19CG	25C3	19CB	14.28	19CG	25C3	18CG	86.69
19CG	25C3	19CA	32.54	19CG	25C3	19NE2	29.74
19CG		184CB				190E1	27.37
19CG		21N		19CG	25C3	184CE2	83.99
20N		180D1	41.77	20N	25C3	20C	39.98
20N			21.31	20N	25C3	19CD	78.54
		19C	14.86	20N	25C3	1830	71.47
20N	25C3	19N	37.66	20 <b>N</b>	25C3	184CA	95.61
		19CB	46.74	20N	25C3	18CG	52.23
20N	25C3	19CA	30.40	20N	25C3	19NE2	78.92
20N	25C3	190E1	88.38	20N	25C3	21N	45.77
		20C				20CA	50.00
		184CG					51.61
		1830		180D1	25C3	19N	40.87
180D1	1.6.5	184CA		180D1			70.42
180D1	25C3	18CG	10.53	180D1	25C3	19CA	52.41

			T.	ABLE XV	grafika.		
180D1	25C3	184CB	79.52	180D1		21N	78.64
20C	25C3	20CA	22.29	20C	25C3	19CD	94.40
20C	25C3	19C	46.10	20C	25C3	19N	77.00
20C	25C3	19CB	73.57	20C	25C3	18CG	81.47
20C	25C3	19CA	64.92	20C	25C3	19NE2	84.78
20C	25C3	21N	6.74	184NE1	25C3	19CD	58.87
184NE1	25C3	184CG	31.08	184NE1	25C3	1830	64.98
184NE1	25C3	19N	95.87	184NE1	25C3	184CA	59.73
184NE1	25C3	19CB	85.90	184NE1	25C3	19NE2	66.72
184NE1	25C3	184CB	48.57	184NE1	25C3	190E1	46.24
184NE1	25C3	184CE2	11.83	20CA	25C3	19CD	94.19
20CA	25C3	19C	33.03	20CA	25C3	1830	92.18
20CA	25C3	19N	58.66	20CA	25C3	19CB	65.28
20CA	25C3	18CG	59.95	20CA	25C3	19CA	51.05
20CA	25C3	19NE2	90.04	20CA	25C3	21N	28.97
19CD	25C3	184CG	79.74	19CD	25C3	19C	63.74
19CD	25C3	1830	55.90	19CD	25C3	19N	60.04
19CD	25C3	184CA	84.73	19CD	25C3	19CB	32.93
19CD	25C3	19CA	51.74	19CD	25C3	19NE2	15.91
19CD	25C3	184CB	89.68	19CD	25C3	190E1	13.39
19CD	25C3	21N	93.33	19CD	25C3	184CE2	70.59
184CG	25C3	1830	54.91	184CG	25C3	19N	88.52
184CG	25C3	184CA	32.83	184CG	25C3	19CB	95.04
184CG	25C3	18CG	87.10	184CG	25C3	19NE2	92.12
184CG	25C3	184CB	17.79	184CG	25C3	190E1	66.46
184CG	25C3	184CE2	27.27	19C	25C3	1830	65.15
19C	25C3	19N	32.44	19C	25C3	184CA	94.94
19C	25C3	19CB	32.53	19C	25C3		61.42
19C	25C3	19CA	18.94	19C	25C3	19NE2	64.39
19C		190E1					
1830			33.87			184CA	
1830	25C3	19CB	47.01	1830	25C3	18CG	56.73
1830	25C3	19CA	47.13	1830	25C3	19NE2	71.34
		184CB	• •				
	•	184CE2		19N	25C3	•	62.75
19N	25C3	19CB	31.18	19N	25C3	18CG	46.02
19N	25C3	19CA	17.94	19N	25C3	19NE2	69.90
19N	25C3	184CB	80.68	19N	25C3	190E1	63.48

			T	ABLE XV	100		
19N	25C3	21N	82.11		25C3	19CB	82.09
184CA	25C3	18CG	54.80	184CA	25C3		79.48
184CA	25C3	184CB	18.58	184CA	25C3	10 N. W. W. W.	74.55
184CA	25C3	184CE2	59.43	19CB	25C3		76.90
19CB	25C3	19CA	18.91	રસો જોક્સો માટે પ્રસ	25C3		39.32
19CB	25C3	184CB	95.96	19CB	25C3		41.65
19CB	25C3	21N	75.62	19CB	25C3		97.49
18CG	25C3	19CA	59.97	18CG	25C3	9.3	70.15
18CG	25C3	21N	88.18	19CA	25C3	19NE2	57.54
19CA	25C3	184CB	96.61	19CA	25C3	190E1	59.34
19CA	25C3	21N	68.88	19NE2	25C3	190E1	26.89
19NE2	25C3	21N	82.33	19NE2	25C3	184CE2	77.62
184CB	25C3	190E1	77.28	184CB	25C3	184CE2	44.87
190E1	25C3	184CE2	58.06	200	25C4	20C	5.29
200	25C4	19CG	73.30	200	25C4	20N	37.40
200	25C4	20CA	22.70	200	25C4	19CD	84.35
200	25C4	180D1	61.35	200	25C4	19NE2	78.63
184CD1	25C4	184NE1	19.87	184CD1	25C4	19CG	58.10
184CD1	25C4	20N	90.23	184CD1	25C4	184CG	14.72
184CD1	25C4	19CD	55.97	184CD1	25C4	184CE2	27.01
184CD1	25C4	180D1	75.63	184CD1	25C4	19NE2	69.64
184NE1	25C4	19CG	63.14	184NE1	25C4	184CG	28.26
184NE1	25C4	19CD	53.91	184NE1	25C4	184CE2	14.23
184NE1	25C4	180D1	94.59	184NE1	25C4	19NE2	63.81
20C	25C4	19CG	69.98	20C	25C4	20N	32.25
20C	25C4	20CA	17.47	20C	25C4	19CD	82.18
20C	25C4	180D1	56.22	20C	25C4	19NE2	
3 (1943) 3 (4)					25C4	184CG	* 12
						19CD	
5.5						180D1	
						184CG	
	•					19CD	
						19NE2	
						184CE2	
Att. The second		•				2410H2	
						19CD	
						2410H2	
20CA	25C4	19NE2	78.54	19CD	25C4	184CE2	67.82

			<b></b>			girin kaling dari	
19CD	25C4	180D1	78.00	ABLE XV 19CD	25C4	19NE2	15.45
184CE2	25C4	2410H2	99.63	184CE2	25C4	19NE2	76.63
180D1	25C4	2410H2	82.91	180D1	25C4	19NE2	87.95
200	25C5	184CD1	97.18	184CD1	25C5	184NE1	18.35
184CD1	25C5	184CG	16.64	184CD1	25C5	184CE2	
184CD1	25C5	184CD2	26.39	184NE1	25C5	184CG	27.73 28.44
184NE1	25C5	184CE2	16.30	184NE1	25C5	184CD2	26.54
184CG	25C5	184CE2	27.87	184CG	25C5	184CD2	16.56
184CE2	25C5	184CD2	16.34	184CD1	25C6	184CG	18.54
184CD1	25C6	184CB	33.62	184CD1	25C6	184NE1	17.14
184CD1	25C6	200	88.08	184CD1	25C6	A 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28.33
184CD1	25C6	184CE2	26.95	184CG	25C6	184CB	19.13
184CG	25C6	184NE1	29.00	184CG	25C6	184CD2	17.43
184CG	25C6	184CE2	27.74	184CB	25C6	184NE1	47.54
184CB	25C6	184CD2	32.76	184CB	25C6	184CE2	46.38
184NE1	25C6		88.62	184NE1	25C6	184CD2	27.82
184NE1	25C6	184CE2	16.20	184CD2	25C6	184CE2	16.68
200	25C7	20C	5.94	200	25C7	19NE2	91.02
200	25C7	19CG	72.12	200	25C7		89.31
200	25C7	21CA	34.14	200	25C7	220	65.12
200	25C7	21N	17.69	200	25C7	21C	46.47
20C	25C7	19NE2	86.13	20C	25C7	19CG	69.33
20C	25C7	19CD	85.63	20C	25C7	21CA	31.54
20C	25C7	220	59.23	20C	25C7	21CA	14.16
20C	25C7	21C	42.01	19NE2	25C7	19CG	32.17
19NE2	25C7	184NE1	66.44	19NE2	25C7	19CD	17.05
19NE2	25C7	21CA	93.37	19NE2	25C7	220	37.10
7-		184CD1	,				
19NE2		:		19CG			58.99
1. 12	130	19CD					
19CG						184CD1	
	25C7					21C	
184NE1						184CD1	
19CD		•	49.22			184CD1	
	25C7	,	91.50	19CD			90.15
		220	:			21N	17.50
21CA		21C	18.03	220		21N	55.41
220		21C	42.02	21N		21C	28.94
				*			

			T	ABLE XV			
19NE2	2508	19CD	20.48	the state of the state of the	2508	184NE1	81.39
19NE2	2508	200	89.30	19NE2	2508	19CG	35.60
19NE2	2508	190E1	30.68	19NE2	2508	220	40.85
19NE2	2508	184CD1	79.20	19NE2	2508	184CE2	92.69
19CD	2508	184NE1	63.10	19CD	2508	200	86.55
19CD	2508	19CG	21.39	19CD	2508	190E1	15.46
19CD	2508	220	55.33	19CD	2508	184CD1	58.99
19CD	2508	184CE2	75.44	184NE1	2508	19CG	65.39
184NE1	2508	190E1	50.75	184NE1	2508	184CD1	16.57
184NE1	2508	184CE2	13.19	200	2508	19CG	66.59
200	2508	190E1	99.26	200	2508	220	62.20
200	2508	184CD1	90.68	19CG	2508	190E1	32.68
19CG	2508	220	53.93	19CG	2508	184CD1	54.99
19CG	2508	184CE2	78.58	190E1	2508	220	69.68
190E1	2508	184CD1	50.54	190E1	2508	184CE2	62.13
184CD1	2508	184CE2	26.99	19NE2	25C9	184NE1	68.02
19NE2	25C9	19CD	15.81	184NE1	25C9	19CD	52.53
162ND1	25C11	184CZ2	58.70	162ND1	25C11	162CE1	15.57
184CZ2	25C11	162CE1	49.86	162ND1	25C14	162CG	20.80
162ND1	25C14	162CB	38.90	162ND1	25C14	162CE1	17.70
162ND1	25C14	162CA	43.05	162ND1	25C14	1610	71.97
162ND1	25C14	184CZ2	66.72	162ND1	25C14	162CD2	25.28
162ND1	25C14	1610D1	87.80	162ND1	25C14	162N	60.63
162ND1		162NE2	23.20	162ND1	25C14	161C	71.88
162ND1	25C14	25SG	43.89	162CG	25C14	162CB	21.88
162CG		162CE1	32.41	162CG		162CA	35.32
162CG	25C14					184CZ2	
		162CD2					
		162N					
		161C					
		162CE1			A		
		1610					
162CB	25C14	162CD2	33.63	162CB	25C14	1610D1	49.02
		162N					
		161C					
*		162CA	and the second second		- 30		
	•	184CZ2					
162CE1	25C14	162N	78.11	162CE1	25C14	162NE2	14.38

WO 97/1617				/US96/17512
		TABLE XV		
162CE1	25C14 161C	4 H STE KULYSKUWATA		51.14
162CA	offreigne offest in in March	35.99 162CA		94.99
162CA	25C14 162CD2			50.42
162CA	25C14 162N	17.63 162CA	25C14 162NE2	60.81
162CA	25C14 161C	30.12 162CA	25C14 25SG	53.36
1610	25C14 162CD2	가는 눈이 뭐야지. 하는 강하지 않는 것을	**	54.15
1610	25C14 162N	27.79 1610	25C14 162NE2	93.77
1610	25C14 161C	14.72 1610	25C14 25SG	53.31
184CZ2				98.34
	물레님의 어른 사람이 되어 있다.	43.71 162CD2		77.69
162CD2	25C14 162N	그는 그 얼마가 다시 된 나양을 교육하고 말아	25C14 162NE2	16.69
		78.91 162CD2		69.06
1610D1	25C14 162N 25C14 161C	36.11 1610D1	못하는데 여름 돈 위에 식대하다. 정하는	94.34
162N		39.94 162N	25C14 162NE2	77.07
162NE2	25C14 161C	15.92 162N	25C14 25SG	64.86
161C	25C14 161C	그냥 화생으라면 하면 되었다면	25C14 25SG	64.04
162CB	25015 162CG		25015 162ND1	47.26
162CB	25015 162CA			63.34
162CB	25015 162CD2	23.06 162CB 40.37 162CB	25015 162CE1	60.10
		91.76 162CB	25015 162N	35.92
and the second s	***	52.53 162CB		55.17
162CB		54.06 162CB	30 12 10 2 10 p	60. <b>4</b> 5 69.17
	and the contract of the contra	87.23 162CB		73.81
		88.25 162ND1		25.12
	25015 162CA		25015 162CE1	
	25015 162CD2		25015 162N	70.32
		74.09 162ND1	1 (NOVER 13), 10 (19) (III MARKET IN THE PERSON	26.96
		78.97 162ND1		74.28
	25015 137СВ			81.61
		90.25 162CG		41.57
		33.66 162CG		17.25
				70.97
162CG	25015 162NE2	28.08 162CG		74.63
		77.02 162CG		63.77
162CG	25015 161CG	96.60 162CG	25015 1370	97.22
162CG	25015 184CH2	72.59 1610D1	25015 162CA	61.62
1610D1	25015 162CD2	98.29 1610D1	25015 162N	43.32

WO 97/1617					CT/US96/17512
1610D1	25015 161C		1610D1	25015 1610	60.74
	<ul> <li>5.4.25.8008 (M.S.) 1887. (1)</li> </ul>	55.90		8. 1. 1. 8. 2000 (1930) [1930] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931] [1931	
1610D1		4,571	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MM39887 DUBLIE	
2.	25015 162CE1			25015 162CD2	
162CA			162CA	No MARKON III COLORED CON CONTRACTOR	
162CA	25015 161C	and the state of t	<ul> <li>1.79.759 (1986)</li> </ul>	a street to be a first to a first the same of the same	
	25015 137СВ	- 00		25015 161CG	수는 경험하려면 한 없어가요?
_	25015 161CB		162CE1	25015 162CD2	
162CE1	25015 162N	86.92	162CE1	25015 184CZ2	
162CE1	25015 162NE2	17.11	162CE1	25015 161C	
162CE1	25015 1610	90.42	162CE1	25015 137СВ	
162CE1	25015 184CH2	68.68	162CD2	25015 162N	75.70
162CD2	25015 184CZ2	53.94	162CD2	25015 162NE2	
162CD2	25015 161C	91.05	162CD2	25015 1610	94.26
162CD2	25015 137СВ	58.26	162CD2	25015 1370	88.29
162CD2	25015 184CH2	55.47	162N	25015 162NE2	88.07
162N	25015 161C	17.35	162N	25015 1610	30.00
162N	25015 137СВ	72.58	162N	25015 161CG	42.77
162N	25015 1370	95.02	162N	25015 161CB	40.21
184CZ2	25015 162NE2	47.88	184CZ2	25015 137CB	69.04
	25015 1370	71.73	184CZ2	25015 184CH2	14.31
162NE2		99.69	162NE2	25015 137CB	74.12
162NE2		54.65		25015 1610	15.92
	25015 137CB				
	25015 161CB				
1610	25015 161CB	39.98	137CB	25015 161CG	67.10
	25015 1370				
137CB	25015 184CH2	56.32	161CG	25015 1370	67.49
161CG	25015 161CB	17.89	1370	25015 161CB	84.60
	25015 184CH2				
	25N16 1610				
	25N16 162CG				
	25N16 162CB				
	25N16 25CB				
	25N16 19NE2				
	25N16 162CE1				
	25N16 162CA				
25 <i>S</i> G	25N16 161C	75.51	25SG	25N16 25CB	22.32

		T,	ABLE XV		
25SG	25N16 162N	74.12	25 <i>S</i> G	25N16 19NE2	65.05
1610	25N16 162CE1	97.79	1610	25N16 162CG	74.22
1610	25N16 162CA	38.96	1610	25N16 162CB	57.51
1610	25N16 161C	14.31	1610	25N16 25CB	86.73
1610	25N16 162N	28.02	162CE1	25N16 162CG	31.36
162CE1	25N16 162CA	61.69	162CE1	25N16 162CB	51.34
162CE1	25N16 161C	93.35	162CE1	25N16 25CB	44.14
162CE1	25N16 162N	78.58	162CE1	25N16 19NE2	62.97
162CG	25N16 162CA	35.27	162CG	25N16 162CB	20.22
162CG	25N16 161C	65.76	162CG	25N16 25CB	63.85
162CG	25N16 162N	49.75	162CG	25N16 19NE2	94.18
162CA	25N16 162CB	20.52	162CA	25N16 161C	31.69
162CA	25N16 25CB	71.57	162CA	25N16 162N	17.61
162CB	25N16 161C	47.01	162CB	25N16 25CB	76.68
162CB	25N16 162N	30.74	161C	25N16 25CB	92.93
161C	25N16 162N	16.27	25CB	25N16 162N	87.03
25CB	25N16 19NE2	47.50	25SG	25N17 162ND1	74.24
25 <i>S</i> G	25N17 162CA	87.90	25 <i>S</i> G	25N17 162CG	86.46
25 <i>S</i> G	25N17 162CB	97.30	25SG	25N17 25CB	24.15
25 <i>S</i> G	25N17 162CE1	70.19	25SG	25N17 163N	54.13
25SG	25N17 162C	71.67	255G	25N17 162CD2	84.79
1610	25N17 162CA	52.13	1610	25N17 161C	16.50
1610	25N17 162CG	92.62	1610	25N17 162CB	71.30
1610	25N17 162N	34.71	1610	25N17 163N	65.25
1610	25N17 162C	55.77	1610	25N17 161CA	17.53
162ND1	25N17 162CA	56.42	162ND1	25N17 161C	95.91
162ND1	25N17 162CG	18.78	162ND1	25N17 162CB	41.07
162ND1	25N17 162N	76.00	162ND1	25N17 25CB	57.57
162ND1	25N17 162CE1	14.79	162ND1	25N17 163N	54.56
162ND1	25N17 162C	55.20	162ND1	25N17 162CD2	12.12
162CA	25N17 161C	40.29	162CA	25N17 162CG	41.09
	25N17 162CB		And the Mark the second of	25N17 162N	and the second s
162CA	25N17 25CB	91.56	162CA	25N17 162CE1	71.02
	25N17 163N	76 1 1 1 1 1 1 1	the first of the second of the		7 / 100
162CA	25N17 161CA	50.27	162CA	25N17 162CD2	49.51
161C	25N17 162CG	78.57	161C	25N17 162CB	56.40
161C	25N17 162N	19.96	161C	25N17 163N	62.31
	25N17 162C				

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161C	25N17	162CD2	87.05	The sure that seek in a	25N17	162CB	22.57
162CG	25N17	162N	58.64	162CG	25N17	25CB	73.95
162CG	25 <b>N1</b> 7	162CE1	33.00	162CG	25N17	163N	51.02
162CG	25 <b>N</b> 17	162C	44.96	162CG	25N17	161CA	86.42
162CG	25 <b>N</b> 17	162CD2	8.55	162CB	25N17	162N	36.69
162CB	25 <b>N</b> 17	25CB	91.50	162CB	25N17	162CE1	55.54
162CB	25N17	163N	48.31	162CB	25N17	162C	34.62
162CB	25N17	161CA	63.87	162CB	25N17	162CD2	30.83
162N	25N17	162CE1	90.79	162N	25N17	163N	50.48
162N	25N17	162C	33.85	162N	25N17	161CA	29.03
162N	25 <b>N17</b>	162CD2	67.15	25CB	25N17	162CE1	49.52
25CB	25 <b>N1</b> 7	163N	61.60	25CB	25N17	162C	77.64
25CB	25N17	162CD2	69.50	162CE1	25N17	163N	64.51
162CE1	25 <b>N</b> 17	162C	68.30	162CE1	25N17	162CD2	25.14
163N	25N17	162C	17.55	163N	25N17	161CA	73.19
163N	25N17	162CD2	56.08	162C	25N17	161CA	59.51
162C	25 <b>N</b> 17	162CD2	52.20	161CA	25N17	162CD2	94.68
184NE1	25C18	19NE2	72.19	184NE1	25C18	184CZ2	34.15
184NE1	25C18	162ND1	64.76	184NE1	25C18	162CE1	49.26
184NE1	25C18	19CD	55.65	184NE1	25C18	190E1	48.22
184NE1	25C18	184CE2	16.77	19NE2	25C18	162ND1	74.92
19NE2	25C18	162CE1	65.60	19NE2	25C18	19CD	16.66
19NE2	25C18	190E1	29.19	19NE2	25C18	184CE2	88.46
184CZ2	25C18	162ND1	61.13	184CZ2	25C18	162CE1	54.08
184CZ2	25C18	19CD	87.16	184CZ2	25C18	190E1	75.81
184CZ2	25C18	184CE2	17.74	162ND1	25C18	162CE1	17.06
162ND1	25C18	19CD	67.56	162ND1	25C18	190E1	52.95
		184CE2	64.20	162CE1	25C18	19CD	54.80
162CE1	25C18	190E1	39.41	162CE1	25C18	184CE2	52.06
19CD	25C18	190E1	15.45	19CD	25C18	184CE2	71.81
190E1	25C18	184CE2	62.64	25 <i>S</i> G	25C19	25CB	30.92
25SG	25C19	1610	96.60	25SG	25C19	162ND1	68.37
		25N					
25SG	25C19	230	90.89	25 <i>S</i> G	25C19	162CE1	65.52
25SG	25C19	162CA	73.52	25SG	25C19	19NE2	86.96
25SG	25C19	23C	92.63	25 <i>S</i> G	25C19	163N	42.91
25SG	25C19	161C	94.64	25 <i>S</i> G	25C19	162CG	71.57
25SG	25C19	190E1	68.21	25SG	25C19	25C	20.12

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		T.	ABLE XV		
25SG	25C19 26N	28.60	25CB	25C19 162ND1	59.73
25CB	25C19 25N	36.66	25CB	25C19 25CA	17.74
25CB	25C19 230	86.02	25CB	25C19 162CE1	48.75
25CB	25C19 162CA	86.55	25CB	25C19 19NE2	56.95
25CB	25C19 23C	79.82	25CB	25C19 163N	62.99
25CB	25C19 23CA	90.53		25C19 162CG	68.32
25CB	25C19 19OE		1.12	25C19 25C	26.97
25CB	25C19 26N	42.42	1610	25C19 162ND1	80.02
1610	25C19 162CE			25C19 162CA	38.78
1610	25C19 163N	57.58		25C19 161C	9.12
1610	25C19 162CG		162ND1	25C19 25N	95.15
162ND1	25C19 25CA			25C19 162CE1	16.21
162ND1 162ND1	25C19 162CA 25C19 163N	42.69	162ND1	25C19 19NE2	79.46
162ND1	25C19 163N	49.40 11.30	162ND1 162ND1	25C19 161C	71.09
162ND1	25C19 102CG	81.37	162ND1	25C19 19OE1 25C19 26N	54.54
25N	25C19 25CA	20.26	25N	25C19 28N	95.47
25N	25C19 162CE			25C19 25O	49.36 50.17
25N	25C19 23C	44.73	25N	25C19 163N	92.43
25N	25C19 23CA	59.48	25N	25C19 19OE1	52.21
25N	25C19 25C	30.33	25N	25C19 26N	33.58
25CA	25C19 230	69.09	25CA	25C19 162CE1	66.04
25CA			V	25C19 23C	
				25C19 23CA	
the second second second	70.00 000000 0000			25C19 19OE1	
				25C19 26N	
230	25C19 19NE2	67.81	230	25C19 23C	15.74
230	25C19 23CA	30.61	230	25C19 19OE1	88.93
				25C19 26N	
				25C19 19NE2	
				25C19 161C	
				25C19 19OE1	
				25C19 26N	
				25C19 161C	
				25C19 19OE1	
				25C19 26N	
				25C19 23CA	
TANES	25C19 162CG	90.36	19NE2	25C19 19OE1	27.54

		TA	BLE XV			
19NE2	25C19 25C	73.76	19NE2	25C19	26N	82.78
23C	25C19 23CA	18.96	23C	25C19	190E1	75.13
23C	25C19 25C	72.57	23C	25C19	26N	67.65
163N	25C19 161C	53.30	163N	25C19		44.32
163N	25C19 19OE1	88.05	163N	25C19	25C	63.02
163N	25C19 26N	68.23	23CA	25C19	190E1	74.37
23CA	25C19 25C	89.19	23CA	25C19	26N	86.09
161C	25C19 162CG	59.79	162CG	25C19	190E1	65.83
162CG	25C19 25C	87.18	162CG	25C19	26N	99.91
190E1	25C19 25C	62.33	190E1	25C19	26N	76.16
25C	25C19 26N	15.58	25SG	25020	25CB	34.29
25SG	25020 25N	58.41	25SG	25020	230	94.11
25SG	25020 162ND1	57.05	25SG	25020	25CA	42.72
25SG	25020 190E1	79.03	25 <i>S</i> G	25020	19CD	92.36
25SG	25020 24N	95.32	25SG	25020	162CE1	62.12
25SG	25020 1610	62.41	25SG	25020	24C	65.93
25CB	25020 19NE2	70.39	25CB	25020	23C	93.15
25CB	25020 25N	40.44	25CB	25020	230	94.44
25CB	25020 162ND1	54.11	25CB	25020	25CA	19.78
25CB	25020 190E1	46.09	25CB	25020	19CD	58.16
25CB	25020 24N	78.39	25CB	25020	162CE1	47.36
25CB	25020 1610	92.37	25CB	25020	24C	49.33
19NE2	25020 23CA	63.45	19NE2	25020	23C	67.92
19NE2	25020 25N	61.15	19NE2	25020	230	85.94
19NE2	25020 162ND1	88.31	19NE2	25020	25CA	65.49
19NE2	25020 190E1		19NE2	25020	19CD	15.16
19NE2	25020 24N	55.12	19NE2	25020	162CE1	71.33
1.272.11	25020 24C	60.20				
23CA	25020 23C	24.00	23CA	25020	25N	73.06
23CA	25020 230	37.74	23CA	25020	25CA	93.15
	25020 190E1	94.06	23CA	25020	19CD	77.95
	25020 24N		23CA	25020	24C	64.37
	25020 23N	6.16	23C	25020	25N	52.77
* 1.1	25020 230	18.86				73.50
	25020 190E1					79.18
	25020 24N					43.85
	25020 23N			25020	230	55.74
25N	25020 162ND1	94.17	25N	25020	25CA	20.73

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			T/	ABLE XV		
	25N	25020 190E1	59.69	25N	25020 19CD	59.03
	25N	25020 24N	39.08	25N	25020 162CE1	84.24
	25N	25020 24C	8.93	25N	25020 23N	74.25
	230	25020 25CA	75.11	230	25020 19CD	95.79
	230	25020 24N	31.46	230	25020 24C	47.72
	230	25020 23N	43.41	162ND1	25020 25CA	73.82
	162ND1	25020 190E1	58.12	162ND1	25020 19CD	73.91
	162ND1	25020 162CE1	17.08	162ND1	25020 1610	63.55
	25CA	25020 190E1	51.34	25CA	25020 19CD	57.52
	25CA	25020 24N	59.36	25CA	25020 162CE1	65.59
	25CA	25020 24C	29.65	25CA	25020 23N	93.68
	190E1	25020 19CD	16.69	190E1	25020 24N	75.92
	190E1	25020 162CE1	41.10	190E1	25020 24C	64.20
	190E1	25020 23N	89.60	19CD	25020 24N	64.32
	19CD	25020 162CE1	56.83	19CD	25020 24C	60.79
	19CD	25020 23N	73.22	24N	25020 24C	30.42
	24N	25020 23N	35.59	162CE1	25020 1610	80.58
1	162CE1	25020 24C	92.22	24C	25020 23N	65.85
	160CD1	25C21 1580	97.34	160CD1	25C21 160CG	23.97
	160CD1	25C21 160CB	37.71	160CD1	25C21 160N	66.46
	160CD1	25C21 158C	87.61	160CD1	25C21 160CA	53.04
	1580	25C21 160CG	75.13	1580	25C21 160CB	77.51
	1580	25C21 160N	47.16	1580	25C21 158C	10.74
	1580	25C21 160CA	63.99	160CG	25C21 160CB	22.63
	160CG	25C21 160N	43.47	160CG	25C21 158C	66.36
	160CG	25C21 160CA	33.10	160CB	25C21 160N	33.28
y	160CB	25C21 158C		160CB	25C21 160CA	16.60
		25C21 158C		a refer to the	70 A. M. A. SWI, Make A. J.	
		25C21 160CA				
		25C22 160CB				
, j		25C22 209CD1			and the National Control of the Con-	
		25C22 160CB				73.30
	1	25C22 209CD1				57.61
		25C22 209CD2				
		25C22 1580				
		25C23 209CD2	•			· · · · · · · · · · · · · · · · · · ·
		25C23 160O				
	209CD2	25C23 67CE1	66.23	209CD2	25C23 160CB	73.03
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		τ	ABLE XV		
209CD2	25C23 1600	88.66	209CD2	25С23 67ОН	97.28
209CD2	25C23 160CG	72.08	209CD2	25C23 67CZ	
67CE1	25С23 67ОН	31.06	67CE1	25C23 67CZ	
160CB	25C23 160O	37.90	160CB	25C23 160CG	
1600	25C23 160CG	56.76	670H	25C23 67CZ	
1600	25C24 160CB	44.46	1600	25C24 160C	11.63
1600	25C24 160CA	31.06	1600	25C24 160N	41.50
1600	25C24 160CD1	75.56	1600	25C24 160CG	62.09
160CB	25C24 160C	34.19	160CB	25C24 160CA	18.85
160CB	25C24 160N	32.07	160CB	25C24 160CD1	32.04
160CB	25C24 160CG	18.03	160C	25C24 160CA	19.45
160C	25C24 160N	31.04	160C	25C24 160CD1	66.04
160C	25C24 160CG	51.26	160CA	25C24 160N	18.21
160CA	25C24 160CD1	50.13	160CA	25C24 160CG	33.24
160N	25C24 160CD1	57.42	160N	25C24 160CG	38.76
160CD1	25C24 160CG	18.66	67CE1	25С24 67ОН	28.53
1600	25C25 160N	52.68	1600	25C25 160CB	48.40
1600	25C25 160CA	37.54	1600	25C25 160C	16.03
1600	25C25 160CG	68.51	1600	25C25 160CD1	77.48
1600	25C25 159C	58.15	1600	25C25 159CA	73.59
1600	25C25 158C	96.27	160N	25C25 160CB	39.49
160N	25C25 1580	51.80	160N	25C25 160CA	21.57
160N	25C25 160C	36.87	160N	25C25 160CG	45.04
160N	25C25 160CD1	63.96	160N	25C25 159C	10.14
160N	25C25 159CA	27.45	160N	25C25 158C	43.72
160CB	25C25 1580	77.37	160CB	25C25 160CA	22.69
160CB	25C25 160C	37.96	160CB	25C25 160CG	20.22
160CB	25C25 160CD1	31.90	160CB	25C25 159C	49.57
160CB	25C25 159CA	65.68	160CB	25C25 158C	69.44
1580	25C25 160CA	71.03	1580	25C25 160C	88.59
1580	25C25 160CG	65.33	1580	25C25 160CD1	77.45
1580	25C25 159C	46.06	1580	25C25 159CA	33.23
1580	25C25 158C	8.40	160CA	25C25 160C	22.25
	25C25 160CG				
160CA	25C25 159C	31.20	160CA	25C25 159CA	48.92
160CA	25C25 158C	62.65	160C	25C25 160CG	56.85
160C	25C25 160CD1	69.51	160C	25C25 159C	43.18
160C	25C25 159CA	59.72	160C	25C25 158C	80.59

TABLE XV  160CG 25C25 160CD1 19.02 160CG 25C25 159C 53.50  160CG 25C25 159CA 65.18 160CG 25C25 158C 58.66  160CD1 25C25 159C 72.53 160CD1 25C25 159CA 83.50  160CD1 25C25 158C 72.33 159C 25C25 159CA 17.81  159C 25C25 158C 38.66 159CA 25C25 158C 27.96  1580 25C26 160N 61.78 1580 25C26 160CB 92.43  1580 25C26 160CG 82.57 1580 25C26 158C 10.10  1580 25C26 160CA 80.14 1580 25C26 160CD1 98.52	
160CG     25C25     160CD1     19.02     160CG     25C25     159C     53.50       160CG     25C25     159CA     65.18     160CG     25C25     158C     58.66       160CD1     25C25     159C     72.53     160CD1     25C25     159CA     83.50       160CD1     25C25     158C     72.33     159C     25C25     159CA     17.81       159C     25C25     158C     38.66     159CA     25C25     158C     27.96       158O     25C26     160N     61.78     158O     25C26     160CB     92.43       158O     25C26     160CG     82.57     158O     25C26     158C     10.10	
160CG     25C25     160CD1     19.02     160CG     25C25     159C     53.50       160CG     25C25     159CA     65.18     160CG     25C25     158C     58.66       160CD1     25C25     159C     72.53     160CD1     25C25     159CA     83.50       160CD1     25C25     158C     72.33     159C     25C25     159CA     17.81       159C     25C25     158C     38.66     159CA     25C25     158C     27.96       158O     25C26     160N     61.78     158O     25C26     160CB     92.43       158O     25C26     160CG     82.57     158O     25C26     158C     10.10	
160CG     25C25     160CD1     19.02     160CG     25C25     159C     53.50       160CG     25C25     159CA     65.18     160CG     25C25     158C     58.66       160CD1     25C25     159C     72.53     160CD1     25C25     159CA     83.50       160CD1     25C25     158C     72.33     159C     25C25     159CA     17.81       159C     25C25     158C     38.66     159CA     25C25     158C     27.96       158O     25C26     160N     61.78     158O     25C26     160CB     92.43       158O     25C26     160CG     82.57     158O     25C26     158C     10.10	
160CD1     25C25     159C     72.53     160CD1     25C25     159CA     83.50       160CD1     25C25     158C     72.33     159C     25C25     159CA     17.81       159C     25C25     158C     38.66     159CA     25C25     158C     27.96       158O     25C26     160N     61.78     158O     25C26     160CB     92.43       158O     25C26     160CG     82.57     158O     25C26     158C     10.10	
160CD1     25C25     158C     72.33     159C     25C25     159CA     17.81       159C     25C25     158C     38.66     159CA     25C25     158C     27.96       158O     25C26     160N     61.78     158O     25C26     160CB     92.43       158O     25C26     160CG     82.57     158O     25C26     158C     10.10	
159C 25C25 158C 38.66 159CA 25C25 158C 27.96 158O 25C26 160N 61.78 158O 25C26 160CB 92.43 158O 25C26 160CG 82.57 158O 25C26 158C 10.10	
1580 25C26 160N 61.78 1580 25C26 160CB 92.43 1580 25C26 160CG 82.57 1580 25C26 158C 10.10	
1580 25C26 160CG 82.57 1580 25C26 158C 10.10	
2012년 2월 1 대 - 교육(1822년 1월 2일) (1822년 1일) 2월 2일 2일 2일 2일 1 대 (1822년 1월 2일	
1580 25C26 160CA 80.14 1580 25C26 160CD1 98.52	
1580 25C26 159C 50.29 1580 25C26 159CA 34.65	
1580 25C26 160C 92.37 1580 25C26 159N 20.44	
1580 25C26 158CA 18.72 160N 25C26 160CB 40.08	
160N 25C26 160CG 50.16 160N 25C26 158C 54.73	
160N 25C26 160CA 20.14 160N 25C26 160CD1 70.80	
160N 25C26 160O 45.75 160N 25C26 159C 12.46	
160N 25C26 159CA 31.73 160N 25C26 160C 31.11	
160N 25C26 159N 41.35 160N 25C26 158CA 65.61	
160CB 25C26 160CG 23.66 160CB 25C26 158C 82.75	
160CB 25C26 160CA 21.78 160CB 25C26 160CD1 36.20	
160CB 25C26 1600 42.04 160CB 25C26 159C 51.71	
160CB 25C26 159CA 70.60 160CB 25C26 160C 32.83	
160CB 25C26 159N 74.02 160CB 25C26 158CA 86.07	
160CG 25C26 158C 72.51 160CG 25C26 160CA 39.22	
160CG 25C26 160CD1 21.40 160CG 25C26 160O 65.66	
160CG 25C26 159C 58.12 160CG 25C26 159CA 73.32	
160CG 25C26 160C 55.17 160CG 25C26 159N 69.08	
160CG 25C26 158CA 70.57 158C 25C26 160CA 71.90 158C 25C26 160CD1 88.97 158C 25C26 160O 99.96	
PSE 하는 아니라는 이번째 12 전에 2015 전에 보는 101일 모양한 12 등록 50 등에 다른 100 등에 하는 100	
158C 25C26 159C 44.20 158C 25C26 159CA 31.81 158C 25C26 160C 85.81 158C 25C26 159N 14.55	
요하는 사람이 그는 바다를 가는 사람들은 사람들은 사람들이 가장 사용하는 사람들에 가장 살았다. 그는 그 사용을 가는 사람들이 되는 것도 하는 사고 사고를 가지 않는 것이다.	
[MINO] : [10] [10] [10] [10] [10] [10] [10] [10]	
인물보고 있는 이번 보다는 경로적으셨다는데 이번 경험을 통해서 발전되었다는 경기 기가 되었다. 그리고 이 그리고 하다는데 그리고 하는데 그리고 그리고 그리고 하는데 그리고	
上述皇皇皇 그는 사람들이 살아가 되었다. 그는 사람들이 살아보고 있다면 하는 사람들이 되었다. 그는	
160CA 25C26 159N 59.89 160CA 25C26 158CA 80.10 160CD1 25C26 1600 74.72 160CD1 25C26 159C 79.44	
160CD1 25C26 159CA 94.53 160CD1 25C26 160C 68.62	
160CD1 25C26 159N 88.47 160CD1 25C26 158CA 83.00	
1600 25C26 159C 55.78 1600 25C26 159CA 71.36	
1600 25C26 160C 15.23 1600 25C26 159N 85.80	9 :

			ADIDAM		
159C	25C26 159CA	19.31	ABLE XV 159C	25026 1600	
159C	25C26 159N	30.09		25C26 160C	42.08
159CA	25C26 160C	59.37		25C26 158CA	56.63
159CA	25C26 158CA	46.52		25C26 159N	17.84
160C	25C26 158CA			25C26 159N	72.10
1600	25C27 160C	96.40	159N	25C26 158CA	28.80
670H		5.58	1600	25C27 160CB	36.45
67CE1		31.65	670H	25C27 67CZ	17.00
1600		17.03	160C	25C27 160CB	31.24
1600		3.01	1600	25028 161CA	33.47
1600		35.39	1600	25028 161N	15.24
1600	25028 160CA	17.00	1600	25028 1610	59.68
160C	25028 161C	45.54		25028 161CA	33.37
160C	25028 160CB	34.06	160C	25028 161N	14.62
160C	25028 160CA	16.50	160C	25028 1610	58.60
161CA	25028 161C	44.40	161CA	25028 160CB	65.80
	25028 161N	18.92	161CA	25028 160CA	49.84
161CA	25028 1610	28.96	161CA	25028 161C	17.13
160CB	25028 161N	47.18	160CB	25028 160CA	19.23
160CB	25028 1610	84.88	160CB	25028 161C	71.68
161N	25028 160CA	30.98	161N	25028 1610	44.50
161N	25028 161C	30.43	160CA	25028 1610	73.79
160CA	25028 161C	59.64	1610	25028 161C	14.21
1600	25C29 160C	8.30	1600	25C29 1610	64.77
1600	25C29 161CA	35.29	1600	25C29 161C	50.76
1600	25C29 161N	20.86	160C	25C29 1610	58.92
160C	25C29 161CA	30.98	160C	25C29 161C	44.50
	25C29 161N	14.62	1610	25C29 161CA	30.36
1610	25C29 161C	14.65		25C29 660	98.33
	25C29 161N			25C29 161C	18.41
	25C29 161N				30.04
	25C29 67CE1				85.21
	25030 67CD1				
				25030 670н	30.56
	25030 67CG		67CE1		29.39
1	25030 67CD1	68.13		25030 67CZ	86.99
660	25030 66C			25030 67CG	55.33
	아이는 사람들이 가지 하면 하면 되었다.	73.81			32.19
6/CD1	25030 66C	61.85	67CD1	25030 670н	47.68

eri Historia Marakani		T	ABLE XV		
67CD1	25030 67CG	16.18	67CD1	25030 67CE2	34.38
67CZ	25030 66C	75.55	67CZ	25030 670н	16.91
67CZ	25030 67CG	34.81	67CZ	25030 67CE2	15.93
66C	25030 670н	90.11	66C	25030 67CG	47.06
66C	25030 67CE2	61.38	670н	25030 67CG	51.72
670н	25030 67CE2	28.75	67CG	25030 67CE2	28.79
1610	25C31 161C	15.89	1610	25C31 163CB	92.78
1610	25C31 163N	61.31	1610	25C31 25 <i>S</i> G	64.02
1610	25C31 1600	63.87	1610	25C31 161CA	29.15
1610	25C31 162N	24.80	1610	25C31 162C	50.12
1610	25C31 162CA	32.14	161C	25C31 163CB	90.31
161C	25C31 163N	58.98	161C	25C31 25SG	74.60
161C	25C31 1600	51.49	161C	25C31 161CA	18.45
161C	25C31 162N	14.50	161C	25C31 162C	44.52
161C	25C31 162CA	29.60	660	25C31 163CB	84.58
660	25C31 25SG	96.91	163CB	25C31 163N	31.73
163CB	25C31 25SG	54.53	163CB	25C31 162N	76.07
163CB	25C31 162C	45.95	163CB	25C31 162CA	61.61
163N	25C31 25SG	46.05	163N	25C31 1600	95.54
163N	25C31 161CA	75.21	163N	25C31 162N	45.16
163N	25C31 162C	16.28	163N	25C31 162CA	29.89
25SG	25C31 161CA	92.28	25SG	25C31 162N	68.65
25 <i>S</i> G	25C31 162C	56.25	25SG	25C31 162CA	53.18
1600	25C31 161CA	34.72	1600	25C31 162N	58.12
1600	25C31 162C	79.70	1600	25C31 162CA	74.94
161CA	25C31 162N	30.24	161CA	25C31 162C	59.56
161CA	25C31 162CA	47.15	162N	25C31 162C	30.15
	25C31 162CA	17.36	162C	25C31 162CA	18.28
	25C32 66C	6.90	660	25C32 26CB	47.54
	25C32 66N	33.71	660	25C32 67CA	32.46
		16.73	660	25C32 68SD	78.15
660	25C32 66CA	18.01	66C	25C32 26CB	54.44
		33.07	66C	25C32 67CA	31.49
	25C32 67N	13.91	66C	25C32 68SD	82.32
66C	25C32 66CA	15.84		25C32 26CB	63.43
163CB	25C32 1610	78.07		25C32 68SD	47.45
	25C32 66N	59.39	26CB	25C32 67CA	62.90
26CB	25C32 67N	59.03	26CB	25C32 68SD	57.55

		TO A Thirt was a second		
26CB	25C32 66CA	TABLE XV 57.10 66N		المائنين ورض
66N	25C32 67N	46.76 66N		64.54
67CA	25C32 67N	17.89 67CA		17.45
67CA	25C32 66CA	47.17 67N		59.36
67N	25C32 66CA	29.33 68SD	25C32 68SD 25C32 66CA	73.47
660	25C33 68SD	88.15 660	25C32 67CA	96.00
660	25C33 66C	8.09 660	25C33 67CD1	38.20
660	25C33 26CB	42.16 68SD		67.84 58.04
68SD	25C33 209CD2	90.24 68SD		24.67
68SD	25C33 134CB	82.77 68SD	25C33 67CA	68.81
68SD	25C33 66C	87.57 68SD		97.64
68SD	25C33 163CA	69.15 68SD	25C33 26CB	61.04
68SD	25C33 163N	85.62 163CB		66.68
163CB	25C33 134CB	76.70 163CB	25C33 163CA	16.69
163CB	25C33 26CB	62.05 163CB	25C33 163N	28.80
209CD2	25C33 68CE	67.71 209CD2		48.90
209CD2	25C33 67CA	91.59 209CD2		58.37
68CE	25C33 134CB	60.70 68CE	25C33 67CA	80.55
68CE	25C33 67CD1	93.40 68CE	25C33 163CA	71.10
68CE	25C33 26CB	85.68 68CE	25C33 163N	88.13
134CB	25C33 163CA	63.97 134CB	25C33 163N	69.60
67CA	25C33 66C	31.31 67CA	25C33 67CD1	43.75
67CA	25C33 26CB	61.06 66C	25C33 67CD1	59.98
66C	25C33 26CB	47.92 163CA	25C33 26CB	77.85
163CA	25C33 163N	17.21 26CB	25C33 163N	81.08
134CB	25C34 163CB	98.21 134CB	25C34 209CD2	58.87
134CB	25C34 134CA	20.10 134CB	25C34 163CA	84.05
134CB	25C34 163N	93.22 134CB	25C34 68SD	90.66
134CB	25C34 1620	68.42 134CB	25C34 162C	84.53
134CB	25C34 68CE	68.29 134CB	25C34 1600	90.59
134CB	25C34 1330	48.20 134CB	25C34 134C	23.47
134CB	25C34 134N	22.08 163CB	25C34 134CA	80.28
163CB	25C34 163CA	22.29 163CB	25C34 163N	35.89
			25C34 1620	
			25C34 68CE	
			25C34 660	
			25C34 1330	
163CB	25C34 134C	88.38 163CB	25C34 134N	76.48

			TA	BLE XV			
209CD2	25C34	134CA	78.36	209CD2	25C34	68SD	85.07
209CD2	25C34	68CE	68.09	209CD2	25C34	1600	89.46
209CD2	25C34	660	98.98	209CD2	25C34	1330	91.98
209CD2	25C34	134C	80.67	209CD2	25C34	134N	73.48
134CA	25C34	163CA	64.27	134CA	25C34	163N	73.36
134CA	25C34	68SD	87.47	134CA	25C34	1620	50.99
134CA	25C34	162C	66.34	134CA	25C34	68CE	68.94
134CA	25C34	1600	96.11	134CA	25C34	161C	93.44
134CA	25C34	1330	34.17	134CA	25C34	134C	14.63
134CA	25C34	134N	13.38	163CA	25C34	163N	20.60
163CA	25C34	68SD	71.18	163CA	25C34	1620	39.10
163CA	25C34	162C	33.94	163CA	25C34	68CE	76.73
163CA	25C34	1610	73.90	163CA	25C34	161C	74.17
163CA	25C34	1330	43.83	163CA	25C34	134C	69.19
163CA	25C34	134N	64.70	163N	25C34	68SD	89.44
163N	25C34	1620	30.77	163N	25C34	162C	17.88
163N	25C34	68CE	97.26	163N	25C34	1600	97.64
163N	25C34	1610	53.38	163N	25C34	161C	53.96
163N	25C34	1330	61.87	163N	25C34	134C	73.07
163N	25C34	134N	77.98	68SD	25C34	68CE	23.41
68SD	25C34	660	65.12	68SD	25C34	1330	57.26
68SD	25C34	134N	74.79	1620	25C34	162C	16.36
1620	25C34	1600	80.07	1620	25C34	1610	57.49
1620	25C34	161C	48.98	1620	25C34	1330	57.78
1620	25C34	134C	45.59	1620	25C34	134N	60.64
162C	25C34	1600	82.14	162C	25C34	1610	46.60
162C	25C34		42.17		25C34	1330	66.02
162C	25C34	134C	61.91	162C	25C34	134N	74.59
68CE	25C34	660	84.63	68CE	25C34	1330	46.00
68CE	25C34	134C	83.30	68CE	25C34	134N	55.59
1600	25C34	1610	52.91	1600	25C34	161C	45.36
1600	25C34	134C	81.68	1610	25C34	660	93.09
1610	25C34	161C	14.42	1610	25C34	134C	94.94
				***		134C	
						134N	
						67CE1	
						209CG	
						2340н2	

	WO 97/1617	7					PC	Γ/US96/17512
				TA	BLE XV			
	209CD2	25C35	134CB	48.83	209CD2		67CZ	91.21
	67CD1	25C35	660	85.63	67CD1			57.17
	67CD1	25C35	67CE1	19.94	67CD1	25C35		19.64
	67CD1	25C35	67CB	37.21	67CD1	25C35	209CG	80.87
	67CD1	25C35	66C	72.49	67CD1		2340H2	56.52
	67CD1	25C35	67N	60.31	67CD1	25C35	68N	77.14
	67CD1	25C35	67C	68.08	67CD1	25C35	67CZ	24.12
	67CD1	25C35	67CD2	23.57	660	25C35	67CA	43.70
	660	25C35	67CE1	93.34	660	25C35	67CG	67.30
	660	25C35	67CB	61.47	660	25C35	68SD	79.58
	660	25C35	66C	13.35	660	25C35	2340H2	97.49
	660	25C35	67N	29.17	660	25C35	68N	61.59
	660	25C35		49.59	660	25C35	67CZ	83.31
	660	25C35	67CD2	62.47	67CA	25C35	67CE1	74.54
	67CA	25C35	67CG	38.46	67CA	25C35	67CB	21.40
	67CA	25C35	68SD	71.28	67CA	25C35	68CE	86.07
	67CA	25C35	66C	33.51	67CA	25C35	2340н2	54.58
	67CA	25C35	67N	17.55	67CA	25C35	68N	31.22
	67CA	25C35	67C	15.46	67CA	25C35	67CZ	70.81
	67CA	25C35	67CD2	42.99	67CE1	25C35	67CG	36.15
	67CE1	25C35	67CB	56.18	67CE1	25C35	209CG	81.63
	67CE1	25C35	66C	81.58			2340H2	73.50
		<ul> <li>A. March, J. Charles, A.</li> </ul>		73.49				96.98
	5 67 47 T 6.25,23388 1 - 1	25C35		86.96		25C35	67CZ	11.55
	NGA 1606/00/2006/00/00 17/19	400 O		33.63		25C35	67CB	21.11
	67CG	25C35		95.25		25C35	66C	53.96
	260 July 4 CO 19 CO 4 N 190	5 1 5 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					67N	40.77
	4 334 34 36686 2	for formal and the second		5 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	er e grant ta	- 1	67C	51.10
		25C35		34.20			67CD2	The second of th
		25C35		2 17 At 1		4.	209CG	94.85
	and the second s	25C35		92.04	A Director of the	1. H. A.		49.06
		25C35	vii f	43.66			67N	- 1 J. HAV. ALI 11 - 11 - 11
		25C35		41.83		4.4		
(구 설명) (구구)				55.30		11. W. T.	67CD2	
				86.31			68CE	23.56
		25C35		84.14				65.58
		25C35 25C35		81.24	68SD	25C35	134CB	74.35

WO 97/1617	7	****		ž		PC	T/US96/17512	
			·	*				era Majori
20000	25025	حجام		ABLE XV				. 원. 발
209CG		68CE		209CG	in dia Maaka Sur	234OH2	55.92	
209CG 209CG		134CB	53.71	209CG	25C35	68N	92.87	
209CG 68CE		67CZ	93.16			2340н2	58.89	
68CE	25C35		99.75	68CE	V4.00440-0	134CB	57.04	
66C		68N	54.84	68CE	25C35	67C	70.76	
66C	25C35	2340H2	30.	66C	25C35	67N	16.98	
66C	25C35	68N 67CZ	57.38	66C	25C35	67C	42.97	
2340H2	25C35		72.32	66C	25C35	67CD2	49.60	
2340H2	25C35		71.60	2340H2	25C35	90380 HVVV - W	98.59	
2340H2	25C35	67CZ	41.88 80.56	2340H2	25C35	67C	48.67	
67N	25C35		III (14 ) 1 (14 ) 11 (14 )	2340H2	25C35	67CD2	67.67	
67N	25C35		46.13 66.52		25C35	67C	30.25	
68N	25C35	67C2	16.06	67N	25C35	67CD2	39.87	
68N	25C35	67CD2		68N	25C35	67CZ	97.13	
67C	25C35	67CD2	71.07 57.44	67C	25C35	67CZ	84.80	
1610	25C36	25SG	73.45	67CZ	25C35	67CD2	27.90	
1610	25C36		54.83	1610	25C36		9.23	
25SG	25C36	65CA	99.90	25SG	25C36		78.40	
25 <i>S</i> G	25C36	4.0	45.03	25SG 25SG	25C36	26CD1	71.50	
660	25C36	66N	37.32	660	25C36 25C36	26CB	68.53	
660	25C36	26CD1	49.39	660	25C36	65CA	68.43	0.0
			52.99	66N		26CB	39.54	
re i a religione de la companya de	1.00 (1.00 pt )	26CD1	39.27	66N	25C36 25C36	72 (170 ) X (170 )	31.50	
65CA		26CD1	45.88		25C36	26CB	55.35	
26CD1		26CB	29.63	163N	25C36		73.66 78.56	
66N	25037	65CA		66N	25037			
66N	25037	65C	19.40	66N	\$ [[[]]		46.15 14.20	
66N	25037		33.73	66N	25037	26CD1	46.03	
66N	25037	65N	50.68	66N	25037		71.48	
66N	25037			as Tourist Co	25037	20 <b>3</b> 0.00	47.75	
	25037				25037		23.08	
65CA	25037	66CA	56.55	65CA	25037		23.08 75.97	
65CA		26CD1	55.04	65CA	25037		8.31	
65CA	25037	640		65CA	25037	26CB	84.88	
65CA	25037	26CG	67.58		25037		65.32	
660	25037	66CA	32.98	660	25037		13.52	
660	25037	26CD1	56.53		25037		95.80	

		T/	BLE XV			
660	25037 26CB	40.45	660	25037	26CG	44.04
65C	25037 66CA	33.51	65C	25037	66C	53.13
65C	25037 26CD1	48.33	65C	25037	65N	31.35
65C	25037 640	52.95	65C	25037	26CB	72.24
65C	25037 26CG	56.09	1610	25037	25SG	57.00
66CA	25037 66C	19.92	66CA	25037	26CD1	50.28
66CA	25037 65N	64.84	66CA	25037		84.47
66CA	25037 26CB	56.17	66CA	25037	26CG	47.05
66C	25037 26CD1	55.02	66C	25037	65N	84.27
66C	25037 26CB	47.54	66C	25037	26CG	45.65
26CD1	25037 25SG	70.87	26CD1	25037	65N	59.66
26CD1	25037 640	86.49	26CD1	25037	26CB	31.10
26CD1	25037 26CG	15.01	25 <i>S</i> G	25037	26CB	64.40
25SG	25037 26CG	71.37	65N	25037	640	27.18
65N	25037 26CB	90.35	65N	25037	26CG	73.15
26CB	25037 26CG	17.30	1610	25N38	161C	6.07
1610	25N38 162CA	37.32	1610	25N38	163 <b>N</b>	66.42
1610	25N38 162N	19.53	1610		162C	50.16
1610	25N38 161CA	13.58	1610	25N38	L63CB	91.46
25SG	25N38 162CA	69.08	25 <i>S</i> G	25N38	163N	53.99
25SG	25N38 162N	87.78	25 <i>S</i> G	25N38	25CB	2.51
25SG	25N38 162C	65.56	25SG	25N38	L63CB	56.74
161C	25N38 162CA	34.04	161C	25N38	63N	61.45
161C	25N38 162N	15.39	161C	25N38	L62C	45.21
161C	25N38 161CA	14.75	161C	25N38	63CB	85.67
162CA	25N38 163N	32.71	162CA	25N38	L62N	18.81
162CA	25N38 25CB	71.19	162CA	25N38 1		18.79
162CA	25N38 161CA	48.73	162CA	25N38 1	163CB	62.05
163N	25N38 162N	47.03	163N	25N38	25CB	56.49
163N	25N38 162C	16.27	163N	25N38 1	61CA	74.28
163N	25N38 163CB	29.78	162N	25N38	25CB	89.84
162N	25N38 162C	30.82	162N	25N38 1	61CA	29.96
162N	25N38 163CB	73.48	25CB	25N38 1	.62C	68.00
25CB	25N38 163CB	58.75	162C	25N38 1	61CA	58.33
	25N38 163CB					
25 <i>S</i> G	25N39 1610	88.31	25SG	25N39	230	88.64
25 <i>S</i> G	25N39 25CB	14.83	25 <b>S</b> G	25 <b>N39</b>	23C	82.58
25SG	25N39 161C	85.92	25SG	25N39	25N	41.66

			T	ABLE XV			
25SG	25N39	23CA	91.29	25 <b>S</b> G	25N39	25CA	24.80
25SG	25N39	162CA	58.01	1610	25N39	25CB	99.78
1610	25N39	161C	3.40	1610	25N39	162CA	31.86
230	25N39	25CB	77.70	230	25N39	23C	14.66
230	25N39	65CA	50.70	230	25N39	25N	47.04
230	25N39	23CA	29.83	230	25 <b>N</b> 39	25CA	63.85
25CB	25N39	23C	69.66	25CB	25N39	161C	97.02
25CB	25N39	25N	31.35	25CB	25N39	23CA	76.81
25CB	25N39	25CA	16.71	25CB	25N39	162CA	68.20
23C	25 <b>N3</b> 9	65CA	64.77	23C	25N39	25N	41.89
23C	25N39	23CA	18.46	23C	25N39	25CA	58.51
161C	25N39	162CA	28.91	65CA	25 <b>N</b> 39	25N	88.24
65CA	25N39	23CA	73.18	25N	25 <b>N</b> 39	23CA	54.84
25N	25N39	25CA	16.92	25N	25N39	162CA	99.14
23CA	25N39	25CA	69.81	25CA	25N39	162CA	82.61
1600	25N40	1610	83.18	1600	25N40	161C	65.67
1600	25N40	161CA	44.84	1600	25N40	160C	14.22
1600	25N40	161N	30.23	1600	25N40	162N	67.90
1610	25N40	161C	19.36	1610	25N40	161CA	38.54
1610	25 <b>N4</b> 0	160C	72.40	1610	25N40	161N	54.55
1610	25 <b>N4</b> 0	162N	26.72	161C	25N40	161CA	23.35
161C	25N40	160C	53.79	161C	25N40	161N	35.96
161C	25 <b>N4</b> 0	162N	13.14	161CA	25 <b>N4</b> 0	160C	35.76
161CA	25N40	161N	19.52	161CA	25 <b>N4</b> 0	162N	31.98
160C	25N40	161N	17.87	160C	25 <b>N4</b> 0	162N	54.39
161N	25N40	162N	37.86				

TABLE XVI

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone.

Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
			Principal Communication of the				
1840	25C1	184CD1	70.91	1840	25C1	184CG	59.71
1840	25Ci	184CB	40.07	1840	25C1	184CA	32.41
1840	25C1	180D1	51.11	1840	25C1	184C	14.14
1840	25C1	184NE1	85.23	1840	25C1	184CD2	70.75
184CD1	25C1	184CG	18.26	184CD1	25C1	184CB	34.36
184CD1	25C1	184CA	39.63	184CD1	25C1	180D1	88.02
184CD1	25C1	184C	58.65	184CD1	25C1	184NE1	15.36
184CD1	25C1	184CD2	26.43	184CG	25C1	184CB	19.78
184CG	25C1	184CA	33.68	184CG	25C1	180D1	90.72
184CG	25C1	184C	50.19	184CG	25C1	184NE1	27.27
184CG	25C1	184CD2	15.55	184CB	25C1	184CA	19.99
184CB	25C1	180D1	77.76	184CB	25C1	184C	31.92
184CB	25C1	184NE1	46.53	184CB	25C1	184CD2	31.52
184CA	25C1	180D1	58.36	184CA	25C1	184C	19.14
184CA	25C1	184NE1	54.76	184CA	25C1	184CD2	48.54
180D1	25C1	184C	48.87	184C	25C1	184NE1	73.60
184C	25C1	184CD2	63.42	184NE1	25C1	184CD2	26.12
200	25C2	20C	16.36	200	25C2	21NE2	67.96
200	25C2	20N	38.80	200	25C2	20CA	32.93
200	25C2	19CG	52.37	200	25C2	180D1	81.91
20C	25C2	21NE2	65.02	20C	25C2	20N	33.58
20C	25C2	20CA	20.23	20C	25C2	19CG	62.24
20C	25C2	180D1	73.06	21NE2	25C2	20N	97.72
21NE2	25C2	20CA	79.83	184CD1	25C2	20N	95.12
184CD1	25C2	19CG	55.67	184CD1	25C2	180D1	86.02
184CD1	25C2	184NE1	16.52	184CD1	25C2	184CG	16.21
184CD1	25C2	184CA	36.11	20N	25C2	20CA	19.09
20N	25C2	19CG	44.54	20N	25C2	180D1	43.33
20N	25C2	184CA	81.17	20CA	25C2	19CG	60.59
20CA	25C2	180D1	53.05	20CA	25C2	184CA	98.88

			TA	BLE XVI			
19CG	25C2	180D1	66.67	19CG	25C2	184NE1	60.03
19CG	25C2	184CG	69.53	19CG	25C2	184CA	62.53
180D1	25C2	184CG	83.94	180D1	25C2	184CA	53.91
184NE1	25C2	184CG	27.27	184NE1	25C2	184CA	52.47
184CG	25C2	184CA	30.07	200	25C3	21NE2	68.98
200	25C3	20C	12.74	200	25C3	19CG	52.30
200	25C3	19CD	62.76	184CD1	25C3	184NE1	19.43
184CD1	25C3	19CG	57.07	184CD1	25C3	184CG	15.46
184CD1	25C3	184CE2	27.70	184CD1	25C3	19CD	51.26
184NE1	25C3	19CG	64.69	184NE1	25C3	184CG	28.26
184NE1	25C3	184CE2	15.28	184NE1	25C3	19CD	52.93
21NE2	25C3	20C	62.81	20C	25C3	19CG	59.85
20C	25C3	19CD	72.69	19CG	25C3	184CG	69.91
19CG	25C3	184CE2	79.68	19CG	25C3	19CD	17.58
184CG	25C3	184CE2	27.82	184CG	25C3	19CD	66.23
184CE2	25C3	19CD	68.19	184NE1	25C4	184CD1	21.40
184NE1	25C4	184CE2	20.66	184NE1	25C4	184CG	31.78
184NE1	25C4	184CD2	31.15	184NE1	25C4	184CZ2	34.27
184CD1	25C4	184CE2	34.03	184CD1	25C4	184CG	18.28
184CD1	25C4	184CD2	31.27	184CD1	25C4	184CZ2	51.25
184CE2	25C4	184CG	32.35	184CE2	25C4	184CD2	18.86
184CE2	25C4	184CZ2	17.60	184CG	25C4	184CD2	19.32
184CG	25C4	184CZ2	49.25	184CD2	25C4	184CZ2	32.53
184CE2	25C5	184NE1	21.44	184CE2	25C5	184CD2	21.99
184CE2	25C5	184CD1	35.25	184CE2	25C5	184CG	36.03
184CE2	25C5	184CZ2	17.88	184CE2	25C5	184CE3	33.85
184CE2	25C5	184CB	53.93	184CE2	25C5	184CH2	28.11
184CE2	25C5	184CZ3	34.04	184NE1	25C5	184CD2	35.23
184NE1	25C5	184CD1	21.39	184NE1	25C5	184CG	35.13
184NE1	25C5	184CZ2	35.43	184NE1	25C5	184CE3	51.78
184NE1	25C5	184CB	52.94	184NE1	25C5	184CH2	48.87
184NE1	25C5	184CZ3	55.18	184CD2	25C5	184CD1	35.19
184CD2	25C5	184CG	22.35	184CD2	25C5	184CZ2	34.58
	and the second second	184CE3					
184CD2	25C5	184CH2	34.79	184CD2	25C5	184CZ3	28.60
184CD1	25C5	184CG	21.04	184CD1	25C5	184CZ2	52.70
	arania walio ali	184CE3	N	N .			34.98
184CD1	25C5	184CH2	62.57	184CD1	25C5	184CZ3	62.67

			TA	BLE XVI			
184CG	25C5	184CZ2	53.00		25C5	184CE3	36.87
184CG	25C5	184CB	18.54	184CG	25C5	184CH2	56.68
184CG	25C5	184CZ3	50.46	184CZ2	25C5	184CE3	38.17
184CZ2	25C5	184CB	69.96	184CZ2	25C5	184CH2	15.84
184CZ2	25C5	184CZ3		184CE3	25C5	184CB	44.40
184CE3	25C5	184CH2	29.96	184CE3	25C5	184CZ3	16.03
184CB	25C5	184CH2	70.55	184CB	25 <b>C</b> 5	184CZ3	60.21
184CH2	25C5	184CZ3	16.60	184CG	25C6	184CD1	20.02
184CG	25C6	184CB	21.95	184CG	25C6	184CD2	20.42
184CG	25C6	1840	61.94	184CG	25C6	184NE1	30.53
184CG	25C6	184CE2	30.58	184CG	25C6	184CA	33.96
184CG	25C6	184CE3	33.66	184CG	25C6	184C	50.16
184CD1	25C6	184CB	37.32	184CD1	25C6	184CD2	32.14
184CD1	25C6	1840	71.19	184CD1	25C6	184NE1	17.93
184CD1	25C6	184CE2	29.87	184CD1	25C6	184CA	39.85
184CD1	25C6	184CE3	48.53	184CD1	25C6	184C	57.95
184CB	25C6	184CD2	37.74	184CB	25C6	1840	40.76
184CB	25C6	184NE1	51.79	184CB	25C6	184CE2	51.93
184CB	25C6	184CA	19.22	184CB	25C6	184CE3	43.86
184CB	25C6	184C	30.42	184CD2	25C6	1840	78.21
184CD2	25C6	184NE1	30.21	184CD2	25C6	184CE2	18.12
184CD2	25C6	184CA	53.55	184CD2	25C6	184CE3	16.59
184CD2	25C6	184C	68.06	1840	25C6	184NE1	88.69
1840	25C6	184CE2	92.47	1840	25C6	184CA	31.36
1840	25C6	184CE3	80.46	1840	25C6	184C	13.35
184NE1	25C6	184CE2	17.71	184NE1	25C6	184CA	57.51
184NE1	25C6	184CE3	45.78	184NE1	25C6	184C	75.58
184CE2	25C6		63.83	184CE2		184CE3	30.35
184CE2	25C6	184C	80.70	184CA	25C6	184CE3	62.43
184CA	25C6	184C	18.09	184CE3	25C6	184C	73.23
184NE1	25C7	184CE2	21.08	184NE1	25C7	184CZ2	38.55
184NE1	25C7	184CD1	16.84	184NE1	25C7	184CD2	27.78
184NE1	25C7	184CH2	48.97	184NE1	25C7	184CG	24.53
184CE2	25C7	184CZ2	20.61	184CE2	25C7	184CD1	31.07
			٠,			184CH2	•••
			A			184CD1	
						184CH2	
184CZ2	25C7	184CG	46.61	184CD1	25C7	184CD2	28.53

Y			TA	BLE XVI			
184CD1	25C7	184CH2	59.02	184CD1	25C7	184CG	15.12
184CD2	25C7	184CH2	33.93	184CD2	25C7	184CG	16.91
184CH2	25C7	184CG	50.64	184NE1	2508	184CE2	19.75
184NE1	2508	184CZ2	37.94	184NE1	2508	184CD1	15.31
184NE1	2508	19NE2	71.47	184NE1	2508	19CD	57.15
184CE2	2508	184CZ2	19.95	184CE2	2508	184CD1	31.02
184CE2	2508	19NE2	90.51	184CE2	2508	19CD	76.72
184CZ2	2508	184CD1	50.82	184CZ2	2508	19CD	92.06
184CD1	2508	19NE2	67.22	184CD1	2508	19CD	51.55
19NE2	2508	19CD	15.86	184NE1	25C9	184CZ2	42.18
184NE1	25C9	184CE2	21.04	184NE1	25C9	162ND1	65.62
184NE1	25C9	162CE1	48.16	184NE1	25C9	184CD1	10.29
184NE1	25C9	19NE2	73.80	184NE1	25C9	190E1	48.69
184NE1	25C9	19CD	57.90	184NE1	25C9	184CH2	49.13
184CZ2	25C9	184CE2	21.63	184CZ2	25C9	162ND1	65.18
184CZ2	25C9	162CE1	57.30	184CZ2	25C9	184CD1	51.49
184CZ2	25C9	190E1	86.41	184CZ2	25C9	19CD	98.49
184CZ2	25C9	184CH2	7.78	184CE2	25C9	162ND1	66.81
184CE2	25C9	162CE1	52.84	184CE2	25C9	184CD1	29.90
184CE2	25C9	19NE2	94.57	184CE2	25C9	190E1	68.42
184CE2	25C9	19CD	78.74	184CE2	25C9	184CH2	28.19
162ND1	25C9	162CE1	18.04	162ND1	25C9	184CD1	72.19
162ND1	25C9	19NE2	76.32	162ND1	25C9	190E1	58.44
162ND1	25C9	19CD	71.67	162ND1	25C9	184CH2	70.09
162CE1	25C9	184CD1	54.22	162CE1	25C9	19NE2	69.37
162CE1	25C9	190E1	46.03	162CE1	25C9	19CD	60.55
162CE1	25C9	184CH2	63.87	184CD1	25C9	19NE2	66.83
184CD1	25C9	190E1	44.17	184CD1	25C9	19CD	50.99
184CD1	25C9	184CH2	58.03	19NE2	25C9	190E1	27.69
19NE2	25C9	19CD	15.92	190E1	25C9	19CD	14.75
190E1	25C9	184CH2	94.16	184NE1	25010	162ND1	90.68
184NE1	25010	162CE1	67.15	184NE1	25010	184CE2	23.02
184NE1	25010	184CZ2	46.79	184NE1	25010	190E1	64.53
184NE1	25010	184CD1	12.02	184NE1	25010	19NE2	90.63
184NE1	25010	19CD	72.30	184NE1	25010	162CG	91.69
184NE1	25010	162NE2	63.41	184NE1	25010	184CD2	16.34
184NE1	25010	184CH2	50.63	184NE1	25010	162CD2	76.58
184NE1	25010	184CG	0.86	162ND1	25010	162CE1	25.39

			TA	BLE XVI		
162ND1	25010	184CE2	85.65	162ND1	25010 184CZ2	80.71
162ND1	25010	190E1	79.25	162ND1	25010 184CD1	93.79
162ND1	25010	19NE2	99.71	162ND1	25010 19CD	94.77
162ND1	25010	162CG	11.75	162ND1	25010 162NE2	27.28
162ND1	25010	184CD2	87.44	162ND1	25010 184CH2	80.29
162ND1	25010	162CD2	17.27	162ND1	25010 162CB	25.40
162ND1	25010	25CB	48.85	162ND1	25010 184CG	91.42
162ND1	25010	25SG	48.57	162CE1	25010 184CE2	67.89
162CE1	25010	184CZ2	72.02	162CE1	25010 190E1	61.36
162CE1	25010	184CD1	68.78	162CE1	25010 19NE2	90.18
162CE1	25010	19CD	78.77	162CE1	25010 162CG	32.27
162CE1	25010	162NE2	9.58	162CE1	25010 184CD2	67.64
162CE1	25010	184CH2	73.24	162CE1	25010 162CD2	21.07
162CE1	25010	162CB	48.98	162CE1	25010 25CB	50.48
162CE1	25010	184CG	67.80	162CE1	25010 25SG	61.27
184CE2	25010	184CZ2	23.77	184CE2	25010 190E1	85.64
184CE2	25010	184CD1	35.04	184CE2	25010 19CD	95.11
184CE2	25010	162CG	82.23	184CE2	25010 162NE2	60.72
184CE2	25010	184CD2	6.70	184CE2	25010 184CH2	27.61
184CE2	25010	162CD2	68.81	184CE2	25010 162CB	92.97
184CE2	25010	184CG	23.63	184CZ2	25010 184CD1	58.81
184CZ2	25010	162CG	73.16	184CZ2	25010 162NE2	62.79
184CZ2	25010	184CD2	30.47	184CZ2	25010 184CH2	3.84
184CZ2	25010	162CD2	63.78	184CZ2	25010 162CB	78.57
184CZ2	25010	184CG	47.41	190E1	25010 184CD1	54.02
190E1	25010	19NE2	33.65	190E1	25010 19CD	17.62
190E1	25010	162CG	90.23	190E1	25010 162NE2	68.58
190E1	25010	184CD2	79.62	190E1	25010 162CD2	82.33
190E1	25010	25CB	46.49	190E1	25010 184CG	64.24
190E1	25010	25SG	67.15	184CD1	25010 19NE2	78.67
184CD1	25010	19CD	60.49	184CD1	25010 162CG	97.06
					25010 184CD2	
					25010 162CD2	
184CD1	25010	25CB	94.29	184CD1	25010 184CG	11.41
19NE2	25010	19CD	18.97	19NE2	25010 162NE2	98.89
19NE2	25010	25CB	52.31	19NE2	25010 184CG	90.06
19NE2	25010	25SG	64.08	19CD	25010 162NE2	86.19
19CD	25010	184CD2	88.53	19CD	25010 162CD2	99.61

		TA	BLE XVI		
19CD	25010 25CB	54.29	19CD	25010 184CG	<b>71.79</b>
19CD	25010 25SG	71.77	162CG	25010 162NE2	30.49
162CG	25010 184CD2	85.26	162CG	25010 184CH2	72.15
162CG	25010 162CD2	15.20	162CG	25010 162CB	16.86
162CG	25010 25CB	60.05	162CG	25010 184CG	92.50
162CG	25010 25SG	56.96	162NE2	25010 184CD2	61.36
162NE2	25010 184CH2	63.86	162NE2	25010 162CD2	16.25
162NE2	25010 162CB	47.22	162NE2	25010 25CB	59.84
162NE2	25010 184CG	64.14	162NE2	25010 25SG	69.18
184CD2	25010 184CH2	34.30	184CD2	25010 162CD2	71.14
184CD2	25010 162CB	97.22	184CD2	25010 184CG	16.94
184CH2	25010 162CD2	63.64	184CH2	25010 162CB	76.54
184CH2	25010 184CG	51.24	162CD2	25010 162CB	31.36
162CD2	25010 25CB	62.62	162CD2	25010 184CG	77.38
162CD2	25010 25SG	65.53	162CB	25010 25CB	66.47
162CB	25010 25SG	56.57	25CB	25010 25SG	21.55
1610	25C11 162ND1	77.52	1610	25C11 162CB	48.77
1610	25C11 162CG	66.44	1610	25C11 161C	9.16
1610	25C11 1610D1	44.79	1610	25C11 162CE1	89.91
1610	25C11 162CA	34.68	162ND1	25C11 162CB	36.88
162ND1	25C11 162CG	18.06	162ND1	25C11 184CZ2	57.93
162ND1	25C11 161C	73.11	162ND1	25C11 1610D1	88.11
162ND1	25C11 162CE1	12.39	162ND1	25C11 162CA	43.39
162CB	25C11 162CG	20.08	162CB	25C11 184C22	75.16
162CB	25C11 161C	41.40	162CB	25C11 1610D1	51.91
162CB	25C11 162CE1	47.69	162CB	25C11 162CA	18.23
162CG	25C11 184CZ2	60.65	162CG	25C11 161C	60.17
	25C11 1610D1				
162CG	25C11 162CA	32.09	184CZ2	25C11 161OD1	96.89
184CZ2	25C11 162CE1	48.52	184CZ2	25C11 162CA	91.88
161C	25C11 161OD1	38.12	161C	25C11 162CE1	85.41
	25C11 162CA				
	25C11 162CA				
1610	25C12 161OD1	53.96	1610	25C12 161CG	50.90
1610	25C12 161C	12.09	1610	25C12 162CB	45.66
1610	25C12 161CB	38.06	1610	25C12 162ND1	64.70
1610D1	25C12 161CG	14.06	1610D1	25C12 161C	42.27
	25C12 162CB				

			TA	BLE XVI			
1610D1	25C12	162ND1	86.96	161CG	25C12	161C	40.85
161CG	25C12	162CB	65.21	161CG	25C12	161CB	19.00
161CG	25C12	162ND1	96.52	161C	25C12	162CB	40.99
161C	25C12	161CB	31.65	161C	25C12	162ND1	65.80
162CB	25C12	161CB	67.55	162CB	25C12	162ND1	31.38
161CB	25C12	162ND1	96.34	1610D1	25C13	1370	81.25
1610D1	25C13	137C	63.73	1610D1	25C13	138N	56.48
1610D1	25C13	138CA	69.03	1610D1	25C13	137CB	63.42
1610D1	25C13	161CG	11.19	1610D1	25C13	1610	44.97
1610D1	25C13	162CB	53.52	1610D1	25C13	137CA	54.88
1370	25C13	137C	17.61	1370	25C13	138N	31.56
1370	25C13	184CZ2	73.45	1370	25C13	138CA	38.68
1370	25C13	137CB	38.26	1370	25C13	143NE2	53.14
1370	25C13	161CG	88.09	1370	25C13	184CH2	57.10
1370	25C13	162CB	89.51	1370	25C13	137CA	30.26
137C	25C13	138N	18.18	137C	25C13	184CZ2	85.16
137C	25C13	138CA	33.43	137C	25C13	137CB	33.67
137C	25C13	143NE2	68.48	137C	25C13	161CG	70.50
137C	25C13	184CH2	70.29	137C	25C13	162CB	80.53
137C	25C13	137CA	17.92	138N	25C13	138CA	19.51
138N	25C13	137CB	49.22	138N	25C13	143NE2	71.83
138N	25C13	161CG	60.17	138N	25C13	184CH2	87.76
138N	25C13	162CB	88.70	138N	25C13	137CA	30.79
184CZ2	25C13	137CB	62.75	184CZ2	25C13	143NE2	73.88
184CZ2	25C13	184CH2	16.99	184CZ2	25C13	162CB	71.91
184CZ2	25C13	137CA	79.40	138CA	25C13	137CB	66.92
138CA	25C13	143NE2	60.03	138CA	25C13	161CG	69.26
138CA	25C13	143NE2 184CH2	94.51	138CA	25C13	137CA	49.37
137CB	25C13	143NE2	87.28	137CB	25C13	161CG	74.16
137CB	25C13	1610	86.27	137CB	25C13	184CH2	53.95
137CB	25C13	162CB	51.39	137CB	25C13	137CA	18.78
143NE2	25C13	184CH2	61.44	143NE2	25C13	137CA	83.39
161CG	25C13	1610	44.82	161CG	25C13	162CB	62.01
161CG	25C13	137CA	64.10	1610	25C13	162CB	40.52
		137CA					
		137CA					
		184CZ2					
143NE2	25C14	184CH2	73.23	143NE2	25C14	143CD	7.66

	WO 97/16177					PCT/US96/17512
a, et Saeco						
	143NE2	25C14 137C	70.92	BLE XVI 143NE2	25C14 1380	CA 63.43
٠. '	143NE2	25C14 138N	72.92	184CZ2	25C14 1370	
	184CZ2	25C14 184CH2	18.41			
	184CZ2	25C14 137C	80.26		25C14 138N	e i sam tribili mili
	1370	25C14 184CH2	58.32	1370	25C14 143C	
; *1.	1370	25C14 137C	14.37	1370	25C14 1380	
	1370	25C14 138N	26.67	184CH2	25C14 1430	
	184CH2	25C14 137C	67.66	184CH2	25C14 1380	
	184CH2	25C14 138N	83.05	143CD	25C14 1370	길이 내지 시시 중심됐다면서
	143CD	25C14 138CA	68.38		25C14 138N	in the state of th
	137C	25C14 138CA	29.93	137C	25C14 138N	
	138CA	25C14 138N	17.13	1610D1	25C15 1380	
	1610D1	25C15 138N	74.59	1610D1	25C15 1370	
	1610D1	25C15 138CB	88.03	1610D1	25C15 1370	
	1610D1	25C15 161CG	16.54	1610D1	25C15 1370	
	1610D1	25C15 161ND2	28.48	1610D1	25C15 137N	
	1610D1	25C15 137CB	65.90	1610D1	25C15 1380	
	1610D1	25C15 161CB	26.73	1610D1	25C15 1610	
(	138CA	25C15 138N	26.47	138CA	25C15 1370	
	138CA	25C15 138CB	25.16	138CA	25C15 1370	4.1.1 · · · · · · · · · · · · · · · · · ·
	138CA	25C15 161CG		138CA	25C15 1370	A 58.55
	138CA	25C15 161ND2	78.54	138CA		
		25C15 138C	· · · · · · · · · · · · · · · · · · ·			
·	5 100	25C15 143NE2				
	* *** * **	25C15 1380	the state of the s			
		25C15 138CB				
		25C15 161CG				
		25C15 161ND2			and the second s	
		25C15 138C				
	138N	25C15 143NE2	80.31	138N	25C15 1380	G 36.11
	138N	25C15 161CB	95.16	138N	25C15 1380	46.34
	137C	25C15 138CB	63.59	137C	25C15 1370	19.93
		25C15 161CG				
÷	137C	25C15 161ND2	80.75	137C	25C15 137N	33.66
٠.	137C	25C15 138C	43.43	137C	25C15 1370	B 32.73
	137C	25C15 143NE2	72.28	137C	25C15 138C	G 58.64
	137C	25C15 1380	53.23	138CB	25C15 137C	72.42
	138CB	25C15 161CG	80.25	138CB	25C15 137C	A 75.11

138CB	25C15 161ND2	APANTEL NAME &	ABLE XVI						
	마음을 가장한 이 동물을 가고 있다.	63.55	12 SAME 1	25C15 137N	73.01				
138CB	25C15 138C	33.69		25C15 137CB	94.23				
138CB	25C15 143NE2			25C15 1380G	13.06				
138CB	25C15 161CB	92.07		25C15 1380	41.98				
1370	25C15 137CA	33.44	1370	25C15 137N	51.60				
1370	25C15 138C	43.03	1370	25C15 137CB	37.73				
1370	25C15 143NE2	53.68		25C15 1380G	71.49				
1370	25C15 1380	46.98	At XXXX	25C15 137CA	74.83				
161CG	25C15 161ND2	16.70	161CG	25C15 137N	56.04				
161CG	25C15 137CB	81.22		25C15 1380G	68.77				
161CG	25C15 161CB	16.63	161CG	25C15 1610	45.51				
137CA	25C15 161ND2	72.19	137CA	25C15 137N	18.82				
137CA	25C15 138C	61.01	137CA	25C15 137CB	19.45				
137CA	25C15 143NE2	86.99	137CA	25C15 1380G	66.83				
137CA	25C15 161CB	89.10	137CA	25C15 1380	71.60				
137CA	25C15 1610	90.57	161ND2	25C15 137N	54.06				
161ND2	25C15 138C	89.54	161ND2	25C15 137CB	83.68				
161ND2	25C15 1380G	52.25	161ND2	25C15 161CB	30.53				
161ND2	25C15 1610	62.17	137N	25C15 138C	69.92				
137N	25C15 137CB	31.11	137N	25C15 1380G	61.80				
137N	25C15 161CB	70.66	137N	25C15 1380	82.86				
137N	25C15 1610	77.59	138C	25C15 137CB	75.69				
138C	25C15 143NE2	55.85	138C	25C15 1380G	39.61				
138C	25C15 1380	14.34	137CB	25C15 143NE2	85.14				
137CB	25C15 138OG	86.28	137CB	25C15 161CB	91.92				
137CB	25C15 1380	83.44	137CB	25C15 1610	82.09				
143NE2	25C15 138OG	94.34	143NE2	25C15 1380	43.49				
1380G	25C15 161CB			25C15 1380					
161CB	25C15 1610	34.58	1610	25C16 162ND1	76.53				
1610	25C16 161C	3 98	1610	25C16 162CB	45 40				
1610	25C16 25SG	72.69	1610	25C16 162CA	34 24				
1610	25C16 162CG	62.41	1610	25C16 162N	17.52				
				25C16 162CB					
162ND1	25C16 25SG	49.81	162ND1	25C16 162CA	43.06				
				25C16 162N					
				25C16 25SG					
				25C16 162CG					
				25C16 25SG					
•		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1							

		TA	BLE XVI		
162CB	25C16 162CA	19.06	162CB	25C16 162CG	17.85
162CB	25C16 162N	29.15	25 <i>S</i> G	25C16 162CA	49.45
25SG	25C16 162CG	54.90	25SG	25C16 162N	61.48
162CA	25C16 162CG	30.90	162CA	25C16 162N	16.94
162CG	25C16 162N	45.31	1610	25017 161C	2.40
1610	25N18 25SG	94.42	1610	25N18 162ND1	86.25
1610	25N18 162CA	41.79	1610	25N18 162CB	49.55
1610	25N18 161C	8.51	1610	25N18 162CG	69.44
1610	25N18 162CE1	97.59	1610	25N18 162N	24.49
25SG	25N18 162ND1	65.37	25SG	25N18 162CA	62.23
25SG	25N18 162CB	74.73	25SG	25N18 161C	86.60
25 <i>S</i> G	25N18 162CG	67.87	25SG	25N18 25CB	21.50
25SG	25N18 162CE1	64.64	25SG	25N18 162N	73.85
25SG	25N18 19NE2	67.61	25SG	25N18 23CA	79.71
162ND1	25N18 162CA	50.07	162ND1	25N18 162CB	36.70
162ND1	25N18 161C	79.92	162ND1	25N18 162CG	16.82
162ND1	25N18 25CB	53.33	162ND1	25N18 162CE1	11.34
162ND1	25N18 162N	65.85	162ND1	25N18 19NE2	73.54
162CA	25N18 162CB	21.06	162CA	25N18 161C	33.62
162CA	25N18 162CG	34.82	162CA	25N18 25CB	70.27
162CA	25N18 162CE1	60.64	162CA	25N18 162N	17.53
162CB	25N18 161C	43.55	162CB	25N18 162CG	19.91
162CB	25N18 25CB	75.42	162CB	25N18 162CE1	48.04
162CB	25N18 162N	31.25	161C	25N18 162CG	63.15
161C	25N18 162CE1	91.21	161C	25N18 162N	16.15
162CG	25N18 25CB	61.89	162CG	25N18 162CE1	28.15
162CG	25N18 162N	49.49	162CG	25N18 19NE2	89.96
25CB	25N18 162CE1	48.89	25CB	25N18 162N	85.68
25CB	25N18 19NE2	49.72	25CB	25N18 23CA	76.32
162CE1	25N18 162N	76.89	162CE1	25N18 19NE2	62.43
19NE2	25N18 23CA	47.71	25SG	25C19 1610	93.76
25SG	25C19 23CA	98.71	25SG	25C19 25CB	19.06
25 <i>S</i> G	25C19 162ND1	55.42	25SG	25C19 23C	83.02
25 <i>S</i> G	25C19 162CA	57.95	25SG	25C19 161C	85.45
25SG	25C19 230	84.21	25SG	25C19 25N	39.84
1610	25C19 162ND1	68.34	1610	25C19 162CA	36.84
1610	25C19 161C	9.82	23CA	25C19 25CB	86.55
23CA	25C19 23C	19.53	23CA	25C19 230	30.41

			<b></b>	DV F term			
23CA	25C19	25N	58.86	ABLE XVI 25CB	25019	162ND1	49.56
25CB	25C19			25CB			67.81
25CB	25C19		化三水类类 化氯价矿铁	25CB	THE STATE OF THE S	230	80.56
25CB	25C19		30.79			162CA	42.46
162ND1	15.5 PX 2.5 LD			162ND1			78.08
23C	25C19		15.10			25N	44.37
162CA	25C19			162CA		25N	96.99
230	25C19	25N	49.95			162ND1	artist a tallowith
184CZ2	25N20	184NE1	33.66	w Hor British Nicolae		184CE2	16.92
184CZ2	25N20	162CE1	48.47	162ND1		184NE1	
162ND1	25N20	184CE2	56.14			162CE1	14.39
184NE1	25N20	184CE2	17.07	184NE1		162CE1	39.26
184CE2	25N20	162CE1	43.67	1610		25SG	97.39
1610	25C21	161C	15.35	1610		162CA	39.27
1610	25C21	162N	27.81	1610	25C21	161CA	24.14
1610	25C21	25CB	98.96	25 <i>S</i> G	25C21	161C	94.07
25 <i>S</i> G	25C21	162CA	60.19	25SG	25C21	162N	78.17
25SG	25C21	65CA	98.56	25SG	25C21	25CB	7.84
161C	25C21	162CA	33.93	161C	25C21	162N	16.70
161C	25C21	161CA	15.71	161C	25C21	25CB	97.60
162CA	25C21	162N	19.15	162CA	25C21	161CA	48.75
162CA	25C21	25CB	63.75	162N	25C21	161CA	30.04
162N	25C21	25CB	82.42	65CA	25C21	25CB	98.99
25SG	25C22		34.66	25SG	25C22	25N	70.64
25SG	25C22				25C22	19NE2	98.64
	200 100 100 100 100 100 100 100 100 100	24C		at the second of the second		162ND1	
						25C	
25 <i>S</i> G	25C22	1610	81.68	25SG	25C22	24CA	97.30
		162CA					21.43
		4		25CB			45.70
			23.52	25CB	25C22	24N	85.13
the state of the s		and the second second	64.70				56.87
						26N	47.43
				25CB			75.01
395 and 1 1 1 1 1 1 1	$a_{i}(t) = t(a_{i} + t) + t = t$	162CA					53.55
						25CA	
	a dia dia dia dia dia dia dia dia dia di		A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 100 PM 1		23CA	76.19
25N	25C22	230	65.52	25N	25C22	24N	41.74

•	,	ТА	BLE XVI		
25N	25C22 19NE2	55.79	25N	25C22 24C	11.64
25N	25C22 162ND1	98.55	25N	25C22 26N	37.79
25N	25C22 25C	31.73	25N	25C22 24CA	29.34
25N	25C22 163N	92.04	25N	25C22 26CD1	53.86
25CA	25C22 23C	82.62	25CA	25C22 23CA	98.07
25CA	25C22 230	87.79	25CA	25C22 24N	64.51
25CA	25C22 19NE2	62.14	25CA	25C22 24C	33.67
25CA	25C22 162ND1	79.26	25CA	25C22 26N	32.62
25CA	25C22 25C	17.41	25CA	25C22 24CA	52.26
25CA	25C22 162CA	95.54	25CA	25C22 163N	70.10
25CA	25C22 26CD1	64.67	23C	25C22 23CA	22.66
23C	25C22 230	17.69	23C	25C22 24N	19.11
23C	25C22 19NE2	64.93	23C	25C22 24C	49.94
23C	25C22 26N	82.64	23C	25C22 25C	87.50
23C	25C22 24CA	31.15	23C	25C22 26CD1	58.43
23CA	25C22 230	35.06	23CA	25C22 24N	35.02
23CA	25C22 19NE2	59.32	23CA	25C22 24C	68.76
23CA	25C22 24CA	51.14	23CA	25C22 26CD1	80.22
230	25C22 24N	32.37	230	25C22 19NE2	82.31
230	25C22 24C	54.24	230	25C22 26N	77.95
230	25C22 25C	87.44	230	25C22 24CA	36.53
230	25C22 26CD1	46.14	24N	25C22 19NE2	52.35
24N	25C22 24C	33.74	24N	25C22 26N	70.95
24N	25C22 25C	71.93	24N	25C22 24CA	17.11
24N	25C22 26CD1	57.95	19NE2	25C22 24C	60.62
19NE2	25C22 162ND1	74.96	19NE2	25C22 26N	91.86
19NE2	25C22 25C	79.36	19NE2	25C22 24CA	60.80
24C	25C22 26N	39.04	24C	25C22 25C	38.21
24C	25C22 24CA	18.87	24C	25C22 163N	99.80
24C	25C22 26CD1	45.21	162ND1	25C22 26N	99.77
162ND1	25C22 25C	85.70	162ND1	25C22 1610	61.42
	25C22 162CA				
	25C22 25C				
	25C22 162CA				
	25C22 26CD1				
	25C22 162CA				
	25C22 26CD1				
1610	25C22 163N	60.45	24CA	25C22 26CD1	44.43

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· ·	*					
16001				BLE XVI		
162CA		163N	29.15		25C22 26CD1	
25SG	25023	25N	73.79	25SG	25023 25CB	39.28
25SG	25023		55.31	25 <b>S</b> G	25023 24C	83.85
25SG	25023				25023 162ND1	57.67
25SG	25023		46.54	25 <i>S</i> G	25023 26N	46.32
25SG		162CE1	63.52	25N	25023 25СВ	50.74
25N	25023		75.64	25N	25023 23CA	93.95
25N	25023		70.21	25N	25023 24N	51.30
25N	25023		24.54	25N	25023 230	71.33
25N	25023		13.19	25N	25023 19CD	72.43
25N	25023		71.68	25N	25023 24CA	34.54
25N	25023	k 1992A 1808A 20	81.27	25N	25023 23N	91.47
25N	25023	25C	27.51	25N	25023 26N	31.41
25N	25023	22C	85.55	25N	25023 162CE1	95.76
25CB	25023	19NE2	84.85	25CB	25023 25CA	26.21
25CB	25023	24C	63.90	25CB	25023 19CD	71.92
25CB	25023	190E1	57.57	25CB	25023 24CA	85.27
25CB	25023	162ND1	56.16	25CB	25023 25C	29.27
25CB	25023	26N	43.07	25CB	25023 162CE1	50.07
19NE2	25023	23CA	79.80	19NE2	25023 23C	86.33
19NE2	25023	24N	70.00	19NE2	25023 25CA	78.56
19NE2	25023	24C	75.95	19NE2	25023 19CD	14.24
19NE2	25023	190E1	31.36	19NE2	25023 24CA	76.27
(3.)	The second	220		19NE2		87.36
19NE2	25023	23N	69.25	19NE2	25023 25C	92.00
19NE2	25023	22C	53.68	19NE2	25023 162CE1	73.60
23CA	25023	23C	26.89	23CA	25023 24N	42.72
23CA	25023	230	37.90	23CA	25023 24C	81.01
23CA	25023	19CD	93.90	23CA	25023 24CA	59.79
23CA	25023	220	39.98	23CA	25023 23N	10.55
23CA	25023	22C	26.16	23C	25023 24N	23.21
23C	25023	25CA	94.66	23C	25023 230	17.05
23C	25023	24C	57.02	23C	25023 19CD	98.07
23C	25023	24CA	35.84	145 Dec 114 (A) 115		50.35
23C	25023	23N	31.08	23C	25023 25C	
23C	25023	26N			25023 22C	
24N	25023	25CA	75.53	24N	25023 230	35.32
24N	25023	24C	38.60	24N	25023 19CD	79.21

• • •	TABLE XVI									
24N	25023	190E1	91.96	24N	25023	24CA	18.27			
24N	25023	220	43.58	24N	25023	23N	40.76			
24N	25023	25C	77.49	24N	25023	26N	73.33			
24N	25023	22C	39.68	25CA	25023	230	94.04			
25CA	25023	24C	37.72	25CA	25023	19CD	69.69			
25CA	25023	190E1	61.67	25CA	25023	24CA	59.08			
25CA	25023	220	98.54	25CA	25023	162ND1	81.63			
25CA	25023	25C	13.70	25CA	25023	26N	29.03			
25CA	25023	162CE1	73.11	230	25023	24C	58.97			
230	25023	24CA	40.61	230	25023	220	67.32			
230	25023	23N	45.18	230	25023	25C	88.46			
230	25023	26N	76.05	230	25023	22C	56.12			
24C	25023	19CD	76.06	24C	25023	190E1	79.00			
24C	25023	24CA	21.38	24C	25023	220	72.85			
24C	25023	23N	79.21	24C	25023	25C	39.06			
24C	25023	26N	38.39	24C	25023	22C	74.96			
19CD	25023	190E1	17.16	19CD	25023	24CA	81.63			
19CD	25023	220	53.92	19CD	25023	162ND1	75.34			
19CD	25023	23N	83.37	19CD	25023	25C	83.39			
19CD	25023	26N	97.86	19CD	25023	22C	67.74			
19CD	25023	162CE1	60.88	190E1	25023	24CA	90.13			
190E1	25023	220	71.06	190E1	25023	162ND1	60.32			
190E1	25023	25C	74.84	190E1	25023	26N	90.69			
190E1	25023	22C	84.88	190E1	25023	162CE1	45.33			
24CA	25023	220	59.13	24CA	25023	23N	58.89			
24CA	25023	25C	59.55	24CA	25023	26N	55.16			
24CA		22C	57.43	220	25023	23N	29.49			
220	25023	22C	13.82	162ND1	25023	25C	84.77			
162ND1	25023	26N	95.34	162ND1	25023	162CE1	15.15			
23N	25023	22C	15.68	25C	25023	26N	16.15			
25C	25023 1	.62CE1	79.30	26N	25023	162CE1	92.61			
590	25C24	610D2	91.98	590	25C24	60CA	42.04			
590	25C24	61N	69.68	590	25C24	60ND2	53.63			
590	25C24	60C	52.10	590	25C24	59C	9.13			
590	25C24	67CD2	94.90	590	25C24	61CB	94.67			
590	25C24	60N	25.18	590	25C24	650	98.75			
590	25C24	66CA	92.74	590	25C24	61CG	94.59			
610D2	25C24	60CA	80.40	610D2	25C24	61N	53.38			

	jana. Distriction		TĄ	BLE XVI			
610D2	25C24	60C	60.45	610D2	25C24	59C	89.44
610D2	25C24	61CB	30.44	610D2	25C24	60N	85.15
610D2	25C24	650	70.09	610D2	25C24	61CG	12.52
60CA	25C24	61N	33.63	60CA	25C24	60ND2	37.06
60CA	25C24	60C	20.13	60CA	25C24	59C	32.92
60CA	25C24	67CD2	94.92	60CA	25C24	61CB	64.63
60CA	25C24	60N	16.87	60CA	25C24	650	56.77
60CA	25C24	66CA	57.08	60CA	25C24	61CG	74.69
61N	25C24	60ND2	64.13	61N	25C24	60C	17.58
61N	25C24	59C	61.42	61N	25C24	61CB	31.27
61N	25C24	60N	47.40	61N	25C24	650	35.46
61N	25C24	66CA	57.56	61N	25C24	61CG	44.25
60ND2	25C24	60C	56.24	60ND2	25C24	67CE2	75.32
60ND2	25C24	59C	47.84	60ND2	25C24	67CD2	57.88
60ND2	25C24	61CB	93.87	60ND2	25C24	60N	39.84
60ND2	25C24	650	66.16	60ND2	25C24	66CA	42.71
60C	25C24	59C	43.92	60C	25C24	61CB	46.05
60C	25C24	60N	30.63	60C	25C24	650	50.56
60C	25C24	66CA	64.32	60C	25C24	61CG	54.63
67CE2	25C24	67CD2	17.47	67CE2	25C24	66CA	72.97
59C	25C24	67CD2	95.05	59C	25C24	61CB	88.03
59C	25C24	60N	16.05	59C	25C24	650	89.64
59C	25C24	66CA	84.79	59C	25C24	61CG	90.22
67CD2	25C24	60N	94.87	67CD2	25C24		94.21
67CD2	25C24	66CA	61.75	61CB	25C24	60N	76.56
61CB	25C24	650	39.70	61CB	25C24	66CA	72.80
61CB	25C24	61CG	18.05		25C24		73.63
60N	25C24	66CA	70.86				82.69
650	25C24	66CA	33.53	650	25C24	61CG	57.60
66CA	25C24	61CG	90.84	610D2	25C25	61CB	42.75
	25C25	- 1,511,511	69.21				
	3 7 77		92.92				
	and the same		51.10				
			92.69				
			63.26				
			24.59				50.21
				61CB			21.34
			75.07				27.44

	TABLE XVI									
61CB	25C25	65C	60.47	61CB	25C25	600	54.86			
61CB	25C25	66CA	83.99	61N	25C25	61CG	58.00			
61N	25C25	650	42.60	61N	25C25	60C	18.61			
61N	25C25	61CA	20.61	61N	25C25	590	69.42			
61N	25C25	60CA	34.61	61N	25C25	610D1	62.35			
61N	25C25	65C	54.60	61N	25C25	600	25.90			
61N	25C25	66CA	60.64	61CG	25C25	650	74.72			
61CG	25C25	60C	67.35	61CG	25C25	61CA	37.75			
61CG	25C25	60CA	88.04	61CG	25C25	610D1	4.51			
61CG	25C25	65C	84.40	61CG	25C25	600	60.77			
650	25C25	60C	58.12	650	25C25	61CA	47.61			
650	25C25	60CA	61.97	650	25C25	610D1	77.08			
650	25C25	65C	12.55	650	25C25	600	68.17			
650	25C25	66CA	34.76	60C	25C25	61CA	34.62			
60C	25C25	590	51.04	60C	25C25	60CA	20.69			
60C	25C25	610D1	71.85	60C	25C25	65C	68.94			
60C	25C25	600	12.51	60C	25C25	66CA	66.29			
61CA	25C25	590	84.06	61CA	25C25	60CA	53.97			
61CA	25C25	610D1	41.99	61CA	25C25	65C	60.01			
61CA	25C25	600	34.68	61CA	25C25	66CA	75.36			
590	25C25	60CA	38.70	590	25C25	600	49.63			
590	25C25	66CA	83.86	60CA	25C25	610D1	92.54			
60CA	25C25	65C	69.48	60CA	25C25	600	29.48			
60CA	25C25	66CA	56.22	610D1	25C25	65C	86.17			
610D1	25C25	600	65.14	65C	25C25	600	79.72			
65C	25C25	66CA	29.00	600	25C25	66CA	78.80			
61CB	25C26	650	57.98	61CB	25C26	610D2	40.43			
61CB	25C26	61CG	23.23	61CB	25C26	61N	39.07			
61CB	25C26	65C	73.35	61CB	25C26	61CA	18.97			
61CB	25C26	640	64.81	61CB	25C26	66N	88.64			
化硫化二甲酚 医二甲酚	25C26	66CA	94.09	61CB	25C26	60C	49.39			
100	25C26	65CA	72.50	61CB	25C26	64C	54.69			
61CB	25C26	610D1	25.08	61CB	25C26	60CA	66.90			
650	25C26		96.74	650	25C26	61CG	81.20			
650	25C26	61N	45.23	650	25C26	65C	17.69			
650	25C26	61CA	49.81	650	25C26	640	56.41			
	25C26	66N	30.68	650	25C26	66CA	39.57			
650	25C26	60C	55.87	650	25C26	65CA	28.89			

	erniya (j. 1. Salambara		TA	BLE XVI			
650	25C26	64C	44.41	650	25C26	610D1	82.28
650	25C26	60CA	58.71	610D2	25C26	61CG	19.08
610D2	25C26	61N	60.79	610D2	25C26	61CA	47.71
610D2	25C26	640	94.75	610D2	25C26	60C	60.86
610D2	25C26	64C	89.54	610D2	25C26	610D1	23.61
610D2	25C26	60CA	75.67	61CG	25C26	61N	54.13
61CG	25C26	65C	96.40	61CG	25C26	61CA	36.24
61CG	25C26	640	76.97		25C26	60C	59.38
61CG	25C26	65CA	93.65	61CG	25C26	64C	70.68
61CG	25C26	610D1	7.62	61CG	25C26	60CA	76.74
61N	25C26	65C	62.37	61N	25C26	61CA	20.12
61N	25C26	640	88.15	61N	25C26	66N	69.41
61N	25C26	66CA	64.66	61N	25C26	60C	13.98
61N	25C26	65CA	73.06	61N	25C26	64C	74.50
61N	25C26	610D1	59.89	61N	25C26	60CA	28.83
65C	25C26	61CA	67.25	65C	25C26	640	51.79
65C	25C26	66N	17.38	65C	25C26	66CA	33.55
65C	25C26	60C	71.82	65C	25C26	65CA	17.23
65C	25C26	64C	43.45	65C	25C26	610D1	96.15
65C	25C26	60CA	71.11	61CA	25C26	640	76.04
61CA	25C26	66N	79.28	61CA	25C26	66CA	79.89
61CA	25C26	60C	31.02	61CA	25C26	65CA	72.24
61CA	25C26	64C	63.54	61CA	25C26	610D1	40.94
61CA	25C26	60CA	48.15	640	25C26	66N	65.51
640	25C26	66CA	84.31	640	25C26	65CA	35.23
640	25C26	64C	13.78	640	25C26	610D1	71.21
66N	25C26	66CA	19.09	66N	25C26	60C	75.28
66N	25C26	65CA	30.56	66N	25C26	64C	59.39
66N	25C26	60CA	69.05	66CA	25C26	60C	66.08
66CA	25C26	65CA		4 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T	25C26		76.99
66CA	25C26	60CA	55.34	60C	25C26	65CA	84.60
The second	25C26		88.43	60C	25C26	610D1	66.22
in the second	25C26	60CA	17.82	65CA	25C26	64C	29.29
65CA	25C26	610D1	91.21	65CA	25C26	60CA	86.87
		610D1	66.22	64C	25C25	60CA	98.77
		60CA	83.78	650	25C /	65C	19.69
		66N	35.95	650	25CL7	66CA	44.75
650	25C27	65CA	32.29	650	25C27	640	53.20

								ell, al riber belgrifbe by to be Region in the part all interior	
	ii Lees	05603	<b>61.00</b>		BLE XVI				
	650	25C27		45.32	650	25C27	66C	62.38	i.
NASA (U Davida	650	25C27	61N	36.43	650	25C27	610D2	72.86	
	650	25C27	660	66.33	65C	25C27	66N	20.59	
	65C	25C27	66CA	38.16	65C	25C27	65CA	18.27	
	65C	25C27	640	50.92	65C	25C27	61CB	62.98	** }
	65C	25C27	66C	52.26	65C	25C27	61N	55.57	. F
	65C	25C27	610D2	91.46	65C	25C27	660	51.89	
	66N	25C27	66CA	22.16	66N	25C27	65CA	32.66	
	66N	25C27	640	68.31	66N	25C27	61CB	81.26	
	66N	25C27	66C	32.35	66N	25C27	61N	66.24	
	66N	25C27	67CD2	86.04	66N	25C27	660	31.43	
	66CA	25C27	67CE2	84.05	66CA	25C27	65CA	53.89	
	66CA	25C27	640	88.87	66CA	25C27	61CB	86.12	Ď.
	66CA	25C27	66C	18.33	66CA	25C27	61N	61.78	
	66CA	25C27	67CD2	68.00	66CA	25C27	67CZ	89.01	
	66CA	25C27	660	27.54	67CE2	25C27	66C	68.52	
	67CE2	25C27	67CD2	16.65	67CE2	25C27	67CZ	16.31	
	67CE2	25C27	660	70.63	65CA	25C27	640	35.68	
r Talahan Talahan	65CA	25C27	61CB	65.69	65CA	25C27	66C	64.52	
	65CA	25C27	61N	68.03	65CA	25C27	610D2	94.09	
- 3	65CA	25C27	660	59.86	640	25C27	61CB	54.95	ئىدىد. ئ
	640	25C27	61N	76.01	640	25C27	610D2	75.54	
	640	25C27	660	93.93	61CB	25C27	61N	30.76	
	61CB	25C27	610D2	28.82	66C	25C27	61N	78.83	
	66C	25C27	67CD2	53.68	66C	25C27	67CZ	71.38	
	66C	25C27	660	13.90	61N	25C27	610D2	45.79	
	61N	25C27	660	89.25	67CD2	25C27	67CZ	28.76	
	67CD2	25C27	660	58.30	67CZ	25C27	660	69.31	
	67CE2	25C28	67CD2	23.52	67CE2	25C28	67CZ	20.96	
	67CE2	25C28		35.20	67CE2	25C28	66C	86.92	
	67CE2	25C28	67CG	33.10	67CE2	25C28		73.57	•
	67CE2	70.00	67CE1	29.88		25C28		85.55	
	67CE2	25C28	660	85.99	67CE2	25C28	67CD1	33.21	
	67CD2	25C28	67CZ	38.76	67CD2	25C28	66CA	84.93	
	67CD2	25C28	670H	56.87		25C28	66C	66.69	. ·.
	67CD2	25C28	67CG	16.19	67CD2	25C28	67N	51.42	
	67CD2	25C28	67CE1	37.73	67CD2	25C28	60ND2	63.64	
	67CD2	25C28	660	69.45	67CD2	25C28	67CD1	28.35	:

			TA	BLE XVI			
67CZ	25C28	670H	19.51	67CZ	25C28	66C	88.11
67CZ	25C28	67CG	39.85	67CZ	25C28	67N	79.74
67CZ	25C28	67CE1	15.82	67CZ	25C28	660	82.16
67CZ	25C28	67CD1	29.69	66CA	25C28	66C	21.36
66CA	25C28	66N	20.18	66CA	25C28	67CG	73.95
66CA	25C28	650	39.39	66CA	25C28	67N	33.53
66CA	25C28	65C	33.20	66CA	25C28	67CE1	94.77
66CA	25C28	60ND2	46.84	66CA	25C28	660	30.13
66CA	25C28	67CD1	79.87	670H	25C28	67CG	59.35
670H	25C28	67N	98.79	670H	25C28	67CE1	31.87
670H	25C28	660	96.91	670H	25C28	67CD1	48.13
66C	25C28	66N	33.87	66C	25C28	67CG	53.83
66C	25C28	650	60.02	66C	25C28	67N	17.65
66C	25C28	65C	50.69	66C	25C28	67CE1	73.54
66C	25C28	60ND2	49.87	66C	25C28	660	14.26
66C	25C28	67CD1	58.53	66N	25C28	67CG	86.97
66N	25C28	650	30.60	66N	25C28	67N	50.32
66N	25C28	65C	17.37	66N	25C28	67CE1	99.34
66N	25C28	60ND2	66.19	66N	25C28	660	33.91
66N	25C28	67CD1	87.99	67CG	25C28	67N	41.20
67CG	25C28	67CE1	31.84	67CG	25C28	60ND2	64.79
67CG	25C28	660	54.35	67CG	25C28	67CD1	16.69
650	25C28	67N	72.54	650	25C28	65C	16.08
650	25C28	60ND2	67.97	650	25C28	660	63.89
67N	25C28	65C	66.13	67N	25C28	67CE1	67.52
67N	25C28	60ND2	39.36	67N	25C28	660	28.39
67N	25C28	67CD1	50.73	65C	25C28	60ND2	73.05
65C	25C28	660	51.14	67CE1		60ND2	96.62
67CE1	25C28		66.57		10 to	67CD1	17.05
60ND2	25C28	660	64.03	60ND2	25C28	67CD1	tata in the same of the same o
660	25C28	67CD1	54.11	and the second second			
67CE2	25C29		95.45	67CE2			15.31
67CE2	25C29	66CA	94.75				30.54
67CE2	25C29	670H	29.52				
67CE2		66C	76.62		*	700D1	
67CD2	25C29	•	70.99				35.94
67CD2	25C29		77.68			A Committee of the Comm	11.52
67CD2	25C29		52.86			67N	48.30

			TA	BLE XVI			
67CD2	25C29	66C	59.66	67CD2	25C29	700D1	48.35
60ND2	25C29	590	51.92	60ND2	25C29	66CA	47.48
60ND2	25C29	67CG	67.53	60ND2	25C29	67N	39.60
60ND2	25C29	60CA	34.92	60ND2	25C29	66C	48.58
60ND2	25C29	700D1	36.76	60ND2	25C29	650	66.66
590	25C29	66CA	91.68	590	25C29	67N	91.44
590	25C29	60CA	36.13	590	25C29	66C	99.32
590	25C29	700D1	57.47	590	25C29	650	87.31
67CZ	25C29	66CA	92.71	67CZ	25C29	67CG	37.70
67CZ	25C29	670H	17.56	67CZ	25C29	67N	72.63
67CZ	25C29	66C	75.91	67CZ	25C29	700D1	83.35
66CA	25C29	67CG	67.01	66CA	25C29	67N	30.81
66CA	25C29	60CA	57.52	66CA	25C29	66C	18.31
66CA	25C29	700D1	76.75	66CA	25C29	650	34.30
67CG	25C29	670H	55.25	67CG	25C29	67N	38.92
67CG	25C29	66C	48.79	67CG	25C29	700D1	52.17
670н	25C29	67N	88.91	670H	25C29	66C	89.71
670H	25C29	700D1	98.59	67N	25C29	60CA	68.41
67N	25C29	66C	16.09	67N	25C29	700D1	52.40
67N	25C29	650	64.97	60CA	25C29	66C	69.66
60CA	25C29	700D1	64.85	60CA	25C29	650	52.85
66C	25C29	700D1	68.06	66C	25C29	650	51.98
65C	25C30	66N	22.36	65C	25C30	650	19.60
65C	25C30	65CA	24.11	65C	25C30	640	60.69
65C	25C30	66CA	37.47	65C	25C30	64C	47.70
65C	25C30	65N	31.97	65C	25C30	66C	52.44
65C	25C30	660	56.13	66N	나는 사람들은 아이에 어린		36.76
66N	25C30	65CA	39.03	66N			81.12
66N			20.96				
66N	25C30	65N	51.94	66N	25C30	66C	31.15
			33.85				
650	25C30	640	60.09	650	25C30	66CA	42.53
650	25C30		47.65			50	37.00
650	25C30		60.78		2 60000	3 3 3	69.10
65CA	25C30		43.45				58.77
65CA	25C30	64C	32.33	65CA	25C30	65N	16.26
			69.64				67.50
640			98.08				13.08

			TA	BLE XVI			*
640	25C30	65N	29.19	66CA	25C30	64C	85.02
66CA	25C30	65N	69.41	66CA	25C30	66C	18.61
66CA	25C30	660	30.64	64C	25C30	65N	16.80
64C	25C30	66C	99.65	64C	25C30	660	99.64
65N	25C30	66C	83.08	65N	25C30	660	82.93
66C	25C30	660	15.25	66N	25031	65C	17.32
66N	25031	67CZ	97.91	66N	25031	65CA	31.08
66N	25031	640	62,95	66N	25031	66CA	17.26
66N	25031	660	33.20	66N	25031	67CE1	92.81
66N	25031	67CE2	86.83	66N	25031	650	26.88
66N	25031	66C	29.04	65C	25031	65CA	19.09
65C	25031	640	46.34	65C	25031	66CA	30.23
65C	25031	660	50.48	65C	25031	67CE2	97.89
65C	25031	650	13.61	65C	25031	66C	45.49
670н	25031	67CZ	17.55	670H	25031	66CA	98.18
670H	25031	660	90.84	670H	25031	67CE1	29.52
670H	25031	67CE2	29.04	670н	25031	66C	87.47
67CZ	25031	66CA	81.60	67CZ	25031	660	73.49
67CZ	25031	67CE1	16.52	67CZ	25031	67CE2	16.35
67CZ	25031	66C	69.99	65CA	25031	640	34.51
65CA	25031	66CA	47.38	65CA	25031	660	60.33
65CA	25031	650	28.52	65CA	25031	66C	59.78
640	25031	66CA	76.15	640	25031	660	94.57
640	25031	650	44.97	640	25031	66C	91.77
66CA	25031	660	28.82	66CA	25031	67CE1	78.69
66CA	25031	67CE2	69.71	66CA	25031	650	33.12
66CA	25031	66C	17.65	660	25031	67CE1	63.44
			68.73				
660	25031	66C	14.31	67CE1	25031	67CE2	28.45
67CE1	25031	66C	63.77	67CE2	25031	650	93.08
			61.53				
			36.46				
660	25C32	65C	52.71	660	25C32	67CE1	69.47
	25C32		14.32				14.
en a file	25C32		29.45	660	25C32	670H	92.97
			31.01				16.26
			96.14				30.68
66N	25C32	67CZ	95.21	66N	25C32	66CA	16.64

			TAB	LE XVI			
65CA	25C32	65C	18.68	65CA	25C32	66C	61.49
65CA	25C32	66CA	46.86	65C	25C32	66C	46.16
65C	25C32	66CA	29.55	67CE1	25C32	66C	67.09
67CE1	25C32	67CZ	16.76	67CE1	25C32	66CA	79.83
67CE1	25C32	670H	29.00	66C	25C32	67CZ	70.31
66C	25C32	66CA	18.10	66C	25C32	670H	85.85
67CZ	25C32	66CA	78.64	67CZ	25C32	670н	16.35
66CA	25C32	670H	92.05	67CE1	25033	67CZ	18.11
67CE1	25033	670н	32.18	67CE1	25033	660	70.79
67CE1	25033	67CD1	16.55	67CE1	25033	2530H2	91.77
67CZ	25033	670H	17.82	67CZ	25033	660	76.31
67CZ	25033	67CD1	30.29	67CZ	25033	2530H2	94.53
670H	25033	660	93.31	670H	25033	67CD1	47.11
670H	25033	2530H2	82.17	660	25033	67CD1	55.11
2530Н2	25033	1600	32.53	660	25C34	66N	39.24
660	25C34	65CA	72.10	660	25C34	65C	54.84
660	25C34	25SG	98.30	660	25C34	66C	10.30
66N	25C34	65CA	33.35	66N	25C34	65C	15.62
66N	25C34	25 <b>S</b> G	96.34	66N	25C34	66C	31.01
65CA	25C34	65C	18.75	65CA	25C34	25SG	85.74
65CA	25C34	66C	64.35	65C	25C34	25SG	95.57
65C	25C34	66C	46.29	25SG	25C34	1610	60.31
25 <i>S</i> G	25C34	161C	66.90	1610	25C34	161C	14.93
660	25C35	66C	7.49	660	25C35	68CE	57.46
660	25C35	66N	35.66	660	25C35	163CB	89.86
660	25C35	66CA	21.29	66C	25C35	68CE	64.25
66C	25C35	66N	32.33	66C	25C35	163CB	97.34
66C	25C35	66CA	16.42	68CE	25C35	6 <b>6N</b>	88.65
68CE	25C35	163CB	42.93	68CE	25C35	163N	71.03
68CE	25C35	66CA	78.09	66N	25C35	66CA	16.42
163CB	25C35	163N	28.84	660	25C36	68CE	48.64
660	25C36	67CD1	56.25	660	25C36	67CE1	67.39
134CB	25C36	209CD2	53.33	134CB	25C36	68CE	70.27
134CB	25C36	1600	87.04	134CB	25C36	162N	72.66
and the second second				1.5		161C	86.84
134CB	25C36	161CA	88.42	134CB	25C36	161N	74.11
134CB	25C36	160CB	54.87	209CD2	25C36	68CE	80.58
209CD2	25C36	1600	88.38	209CD2	25C36	160C	87.02

		TA	BLE XVI		
209CD2	25C36 67CD1	54.52	209CD2	25C36 67CE1	55.35
209CD2	25C36 161N	98.98	209CD2	25C36 160CB	57.71
68CE	25C36 67CD1	70.75	68CE	25C36 67CE1	87.36
1600	25C36 162N	60.06	1600	25C36 160C	14.84
1600	25C36 161C	52.10	1600	25C36 161CA	34.02
1600	25C36 161N	27.16	1600	25C36 160CB	35.85
162N	25C36 160C	49.38	162N	25C36 161C	15.90
162N	25C36 161CA	29.60	162N	25C36 161N	33.75
162N	25C36 160CB	69.36	160C	25C36 161C	45.30
160C	25C36 161CA	29.33	160C	25C36 161N	15.76
160C	25C36 160CB	29.68	161C	25C36 161CA	18.21
161C	25C36 161N	30.25	161C	25C36 160CB	71.28
161CA	25C36 161N	17.23	161CA	25C36 160CB	58.05
67CD1	25C36 67CE1	16.61	67CE1	25C36 160CB	96.33
161N	25C36 160CB	41.59	162N	25C37 162C	38.77
162N	25C37 163N	55.65	162N	25C37 1620	43.88
162N	25C37 161C	19.66	162N	25C37 161N	43.11
162N	25C37 162CA	20.61	162N	25C37 161CA	36.42
162N	25C37 160C	61.64	162N	25C37 163CA	72.52
162N	25C37 163CB	88.83	162N	25C37 1600	71.57
162N	25C37 160CB	86.86	162N	25C37 134CA	86.74
162N	25C37 1610	27.40	162N	25C37 160CA	69.38
134CB	25C37 162C	80.90	134CB	25C37 163N	83.96
134CB	25C37 162O	64.46	134CB	25C37 161N	96.15
134CB	25C37 162CA	99.27	134CB	25C37 160C	92.07
134CB	25C37 163CA	69.42	134CB	25С37 163СВ	75.64
134CB	25C37 160CB			25C37 134CA	
134CB	25C37 160CA	74.76	134CB	25C37 68CE	75.20
134CB	25C37 209CD2	53.65	162C	25C37 163N	20.04
162C	25C37 1620	18.39	162C	25C37 161C	56.63
162C	25C37 161N	77.75	162C	25C37 162CA	22.08
162C	25C37 161CA	75.17	162C	25C37 160C	94.90
162C	25C37 163CA	33.93	162C	25C37 163CB	51.74
162C	25C37 134CA	63.54	162C	25C37 1610	57.80
162C	25C37 160CA	95.14	162C	25C37 68CE	93.53
163N	25C37 1620	33.61	163N	25C37 161C	70.64
163N	25C37 161N	97.07	163N	25C37 162CA	35.65
163N	25C37 161CA	91.41	163N	25C37 163CA	19.33

		TA	BLE XVI		**
163N	25C37 163CB	33.19	163N	25C37 134CA	67.66
163N	25C37 1610	67.69	163N	25C37 68CE	75.10
1620	25C37 161C	63.53	1620	25C37 161N	73.01
1620	25C37 162CA	34.99	1620	25C37 161CA	77.20
1620	25C37 160C	87.26	1620	25C37 163CA	38.61
1620	25C37 163CB	58.25	1620	25C37 160CB	91.83
1620	25C37 134CA	47.36	1620	25C37 1610	68.76
1620	25C37 160CA	82.84	1620	25C37 68CE	96.46
161C	25C37 161N	37.46	161C	25C37 162CA	35.43
161C	25C37 161CA	21.87	161C	25C37 160C	54.49
161C	25C37 163CA	89.14	161C	25C37 1600	59.67
161C	25C37 160CB	85.75	161C	25C37 1610	13.22
161C	25C37 160CA	67.48	161N	25C37 162CA	63.61
161N	25C37 161CA	20.70	161N	25C37 160C	18.54
161N	25C37 1600	30.38	161N	25C37 160CB	48.33
161N	25C37 134CA	92.03	161N	25C37 1610	49.54
161N	25C37 160CA	30.13	162CA	25C37 161CA	55.77
162CA	25C37 160C	82.09	162CA	25C37 163CA	53.72
162CA	25C37 163CB	68.64	162CA	25C37 1600	92.06
162CA	25C37 134CA	82.32	162CA	25C37 1610	35.74
162CA	25C37 160CA	88.24	161CA	25C37 160C	34.21
161CA	25C37 1600	37.80	161CA	25C37 160CB	67.22
161CA	25C37 1610	31.20	161CA	25C37 160CA	49.65
160C	25C37 1600	15.98	160C	25C37 160CB	33.38
160C	25C37 134CA	93.50	160C	25C37 1610	65.32
160C	25C37 160CA	17.61	160C	25C37 209CD2	89.23
163CA	25C37 163CB	19.64	163CA	25C37 134CA	55.20
			-	25C37 68CE	and the second of the second
163CB	25C37 134CA	65.55	163CB	25C37 1610	97.16
163CB	25C37 68CE	41.99	1600	25C37 160CB	38.98
1600	25C37 1610	67.69	1600	25C37 160CA	29.34
<i>i</i> *.				25C37 134CA	
				25C37 160CA	
	the first of the Market of the Artist of the Control of the Contro			25C37 160CA	and the second second
				25C37 209CD2	
				25C37 209CD2	
				25C38 67CD1	74.87
209CD2	25C38 67CE1	73.16	209CD2	25C38 134CB	65.56

200022	25020	20000		BLE XVI			
209CD2	25C38		16.73	209CD2		67CG	84.81
67CD1	25C38	67CE1	20.70	67CD1		68CE	89.96
67CD1	25C38	660	66.53	67CD1	25C38	209CG	75.95
67CD1			12.21	67CD1	25C38	67CA	42.12
67CE1	25C38	660	77.82	67CE1	YW 14 W 624	209CG	80.22
67CE1	25C38		30.41	67CE1	25C38	67CA	60.82
68CE	25C38		80.62	68CE	25C38	660	53.63
68CE	natha ay t	209CG	90.75	68CE	25C38	67CG	80.08
68CE	25C38	67CA	50.64	134CB	25C38	209CG	59.36
660	25C38	67CG	54.73	660	25C38	67CA	34.43
209CG	25C38	67CG	83.39	209CG	25C38	67CA	92.38
67CG	25C38	67CA	30.58	65CA	25C39	66N	39.58
65CA	25C39	660	81.69	65CA	25C39	26CD1	58.77
65CA	25C39	65C	21.13	65CA	25C39	26CB	87.77
65CA	25C39	26CG	70.14	65CA	25C39	66C	70.43
65CA	25C39	65N	10.50	65CA	25C39	26N	97.84
65CA	25C39	66CA	51.95	65CA	25C39	230	44.24
25SG	25C39	26CD1	80.82	25 <i>S</i> G	25C39	26CB	77.99
25SG	25C39	26CG	82.69	25 <i>S</i> G	25C39	26N	48.23
25SG	25C39	230	74.80	25 <i>S</i> G	25C39	1610	65.02
66N	25C39	660	42.13	66N	25C39	26CD1	49.89
66N	25C39	65C	18.53	66N	25C39	26CB	61.31
66N	25C39	26CG	50.14	66N	25C39	66C	30.88
66N	25C39	65N	49.74	66N	25C39	26N	85.92
66N	25C39	66CA	12.40	66N	25C39	230	70.96
660	25C39	26CD1	64.20	660	25C39	65C	60.58
660	25C39	26CB	46.66	660	25C39	26CG	51.76
660	25C39	66C	11.26	660	25C39	65N	91.86
660	25C39	26N	76.72	660	25C39	66CA	29.74
2.7 7.5 5.12 2		10 C	52.77				33.76
			16.02				59.08
*** 1 * * 1300 S ****	The state of the second second second		61.27			1.00 .1000 1.100000	Carlotta Control and Carlotta
the second terms of		66CA	52.43	4 2 4 1 10 Tu			
65C	25C39	26CB	74.04			26CG	126 134 900 4
-			49.32			17 TW 1.4 1.4 1.4	Although Mill Will Mark
		** W **	92.79			the stock of the contract of	Sand at the second
	25C39		58.16				
26CB	25C39		48.81		f 60 - 12 - 12 - 1	Action to the second	11 (11 NOW & 149 NO 13

			TA	BLE XVI			1. 기관 12 전 이 교육 1명 명
26CB	25C39	26N	30.42	26CB	25C39	66CA	55.33
26CB	25C39	230	78.36	26CG	25C39	66C	49.18
26CG	25C39	65N	74.55	26CG	25C39	26N	35.79
26CG	25C39	66CA	48.23	26CG	25C39	230	61.96
66C	25C39	65N	80.62	66C	25C39	26N	79.15
66C	25C39	66CA	18.48	66C	25C39	230	96.37
65N	25C39	26N	97.76	65N	25C39	66CA	62.14
65N	25C39	230	37.19	26N	25C39	66CA	83.19
26N	25C39	230	67.94	66CA	25C39	230	81.21
66N	25040	660	55.03	66N	25040	26CD1	68.97
66N	25040	65CA	46.68	66N	25040	26CB	85.08
66N	25040	26CG	70.07	66N	25040	65C	21.06
66N	25040	66C	40.07	66N	25040	66CA	17.56
66N	25040	26NE1	58.94	66N	25040	65N	53.77
66N	25040	230	82.65	66N	25040	26CD2	60.09
66N	25040	650	19.20	66N	25040	26CE2	54.44
660	25040	26CD1	89.64	660	25040	26CB	63.20
660	25040	26CG	71.47	660	25040	65C	75.92
660	25040	66C	15.74	660	25040	66CA	38.45
660	25040	26N	99.32	660	25040	26NE1	91.06
660	25040	26CA	79.34	660	25040	26CD2	68.55
660	25040	650	74.21	660	25040	68CE	47.85
660	25040	26CE2	78.85	26CD1	25040	65CA	74.34
26CD1	25040	26CB	46.12	26CD1	25040	26CG	22.72
26CD1	25040	65C	67.94	26CD1	25040	66C	79.23
26CD1	25040	66CA	69.49	26CD1	25040	25 <i>S</i> G	92.07
26CD1	25040		50.30	26CD1	25040	26NE1	14.37
26CD1	25040	26CA	50.84	26CD1	25040	65N	70.61
	25040		51.41				
26CD1	25040		66.27				
26CD1			14.76		1 12 114		
65CA	25040	26CG	91.43	65CA	25040	65C	25.75
65CA	25040	66C	86.58	65CA	25040	66CA	64.21
			60.05				8.97
65CA	25040	230	48.18	65CA	25040	26CD2	82.47
65CA	25040	650	27.92	65CA	25040	26CE2	67.12
	25040		97.61				
26CB	25040		97.95				and the second second

			TA	BLE XVI			
26CB	25040	66CA	72.60	26CB	25040	25 <i>S</i> G	89.79
26CB	25040	26N	37.46	26CB	25040	26NE1	58.62
26CB	25040	26CA	19.07	26CB	25040	230	95.25
26CB	25040	26CD2	33.11	26CB	25040	650	95.49
26CB	25040	68CE	46.43	26CB	25040	26CE2	49.00
26CB	25040	25N	67.75	26CG	25040	65C	77.41
26CG	25040	66C	64.77	26CG	25040	66CA	63.32
26CG	25040	25SG	97.02	26CG	25040	26N	44.89
26CG	25040	26NE1	33.94	26CG	25040	26CA	35.84
26CG	25040	65N	89.76	26CG	25040	230	74.03
26CG	25040	26CD2	10.27	26CG	25040	650	75.16
26CG	25040	68CE	70.18	26CG	25040	26CE2	24.36
26CG	25040	25N	62.89	65C	25040	66C	61.12
65C	25040	66CA	38.51	65C	25040	26NE1	54.62
65C	25040	65N	32.73	65C	25040	230	65.00
65C	25040	26CD2	67.24	65C	25040	650	2.52
65C	25040	26CE2	55.73	66C	25040	66CA	22.95
66C	25040	26NE1	78.03	66C	25040	26CA	81.98
66C	25040	65N	93.83	66C	25040	26CD2	59.43
66C	25040	650	59.25	66C	25040	68CE	60.81
66C	25040	26CE2	66.69	66CA	25040	26NE1	63.40
66CA	25040	26CA	91.57	66CA	25040	65N	71.07
66CA	25040	230	96.11	66CA	25040	26CD2	54.65
66CA	25040	650	36.50	66CA	25040	68CE	82.71
66CA	25040	26CE2	54.95	25 <b>S</b> G	25040	26N	53.76
25 <i>S</i> G	25040	26CA	70.74	25SG	25040	230	76.38
25 <i>S</i> G	25040	68CE	91.56	25 <i>S</i> G	25040		39.87
			64.06				
26N	25040	230	77.54	26N	25040	26CD2	54.76
			65.32				
26N	25040	25N	33.74	26NE1	25040	26CA	65.10
26NE1	25040	65N	56.73	26NE1	25040	230	44.12
			28.39				
			12.89				
			91.40				
			49.24				
			53.14		25043	230	39.46
65N	25040	26CD2	81.69	65N	2504	650	34.59

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				BLE XVI			
65N	25040	26CE2	65.52	65N	25040		89.01
230	25040	26CD2	71.57	230	25040	650	65.65
230	25040	26CE2	57.01	230		25N	49.58
26CD2	25040		64.96	26CD2		19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75.92
26CD2	25040	26CE2	16.58	26CD2	James Breeze		69.33
650	25040	26CE2	53.78	68CE	25040	a ay jili sa	92.46
68CE	99 St. 249 1941	25N	97.92	26CE2	25040	afiliti (1. juli	67.27
25SG	25N41		80.59	25SG		230	90.56
25 <i>S</i> G		26CD1	82.77	25SG		25CB	9.91
25SG		23C	79.09	25SG	25N41	25N	40.23
25SG	25N41		80.64	25 <i>S</i> G	25N41	26N	46.58
25SG	25N41		52.67	25 <b>S</b> G	25N41	And the second	39.29
65CA		230	48.79		25N41		53.27
65CA	25N41		31.72	65CA	25N41		63.36
65CA	25N41			65CA	25N41		15.53
65CA		25N	93.22	65CA	25N41	26N	91.88
1610	25N41	25CB	25/41 (16.22&6) (b.1.	1610	25N41		13.63
1610	25N41		33.89	1610	25N41		62.20
230	25N41	26CD1	48.03	230	25N41	66N	68.57
230	25N41	25CB	80.86	230	25N41		14.88
230	25N41	65N	39.21	230	25N41		57.67
230	25N41	25N	51.81	230	25N41	26N	71.06
26CD1	25N41	66N	42.24	26CD1			74.76
26CD1	25N41	23C	56.38	26CD1	grand San	65N	58.93
26CD1	25N41	65C	46.09	26CD1	25N41	25N	50.77
			38.61				98.70
	2 10 10 10 10 10 10 10 10 10 10 10 10 10	2000 Million 1970 Mills	82.86		a part at the state of the state of		46.23
66N		a than 1 Martin				25N	
		The transfer of the second	75.02				69.90
	25N41		30.33				
25CB	25N41		40.90				
			48.01				
				23C	•		43.58
	No. of the second				25N41	7 × 1	30.16
	and the second of the		89.00			7.5	96.17
		HALPERS SAR		65C			83.49
			33.34				92.88
25N	25N41 1	L63N	75.53	161C	25N41	162CA	28.77

			TA	BLE XVI			
161C	25N41	163N	54.46	26N	25N41	162CA	89.00
26N	25N41	163N	62.08	162CA	25N41	163N	28.61
25 <i>S</i> G	25C42	25N	61.47	25SG	25C42	25CB	23.02
25SG	25C42	24N	99.07	25SG	25C42	26N	58.96
25SG	25C42	25CA	42.76	25SG	25C42	24C	76.26
25SG	25C42	24CA	95.01	25SG	25C42	25C	46.56
25SG	25C42	26CG	94.70	25SG	25C42	26CB	80.63
230	25C42	23C	20.90	230	25C42	25N	72.70
230	25C42	26CD1	61.41	230	25C42	65CA	57.62
230	25C42	23CA	37.29	230	25C42	24N	34.67
230	25C42	26N	92.67	230	25C42	25CA	92.41
230	25C42	24C	59.75	230	25C42	24CA	39.73
230	25C42	65N	43.51	230	25C42	26NE1	46.24
230	25C42	25C	96.61	230	25C42	26CG	73.49
230	25C42	66N	75.31	230	25C42	65C	62.99
230	25C42	26CB	90.54	23C	25C42	25N	60.95
23C	25C42	26CD1	74.34	23C	25C42	65CA	77.95
23C	25C42	25CB	94.36	23C	25C42	23CA	22.31
23C	25C42	24N	19.02	23C	25C42	26N	92.21
23C	25C42	25CA	80.52	23C	25C42	24C	52.38
23C	25C42	24CA	33.67	23C	25C42	65N	62.45
23C	25C42	26NE1	61.04	23C	25C42	25C	90.42
23C	25C42	26CG	85.04	23C	25C42	66N	95.80
23C	25C42	65C	83.89	25N	25C42	26CD1	66.35
25N	25C42	25CB	38.84	25N	25C42	23CA	73.38
25N	25C42	24N	41.94	25N	25C42	26N	41.41
25N	25C42	25CA	19.88	25N	25C42	24C	16.17
		24CA	33.54	25N	25C42	26NE1	68.49
			31.76				
			67.36				
the first tree in	25C42		93.02				96.28
26CD1	25C42		69.60				46.05
	** 0.10 ** ** *	Server Server and the server	73.18	700		. Mars . 1	52.84
	7	20 1 10 10 10 10 10 10 10 10 10 10 10 10	52.35				
	2011 11 11 11 11 11 11 11		15.58				
N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			12.37	2 22 22		•••	42.73
Asset March	reformation and all about	<ul> <li>*** ** ** ** ** ** ** ** ** ** ** ** **</li></ul>	47.92				29.69
65CA	25C42	23CA	85.42	65CA	25C42	24N	91.42

			TA	BLE XVI			
65CA	25C42	24CA	88.16	65CA	25C42	65N	17.82
65CA	25C42	26NE1	51.70	65CA	25C42	26CG	67.28
65CA	25C42	66N	29.94	65CA	25C42	65C	14.64
65CA	25C42	26CB	78.77	25CB	25C42	23CA	97.37
25CB	25C42	24N	76.40	25CB	25C42	26N	48.95
25CB	25C42	25CA	21.77	25CB	25C42	24C	54.30
25CB	25C42	24CA	72.26	25CB	25C42	25C	33,23
25CB	25C42	26CG	86.02	25CB	25C42	26CB	76.81
23CA	25C42	24N	35.27	23CA	25C42	25CA	90.57
23CA	25C42	24C	69.58	23CA	25C42	24CA	53.60
23CA	25C42	65N	67.73	23CA	25C42	26NE1	82.24
23CA	25C42	65C	95.61	24N	25C42	26N	75.74
24N	25C42	25CA	61.52	24N	25C42	24C	34.63
24N	25C42	24CA	19.12	24N	25C42	65N	78.18
24N	25C42	26NE1	60.00	24N	25C42	25C	71.96
24N	25C42	26CG	77.77	24N	25C42	65C	93.70
24N	25C42	26CB	89.98	26N	25C42	25CA	34.07
26N	25C42	24C	41.33	26N	25C42	24CA	58.54
26N	25C42	26NE1	58.48	26N	25C42	25C	16.06
26N	25C42	26CG	37.28	26N	25C42	66N	80.08
26N	25C42	65C	91.09	26N	25C42	26CB	29.32
25CA	25C42	24C	33.53	25CA	25C42	24CA	52.86
25CA	25C42	26NE1	80.09	25CA	25C42	25C	18.89
25CA	25C42	26CG	68.25	25CA	25C42	26CB	63.36
24C	25C42	24CA	20.14	24C	25C42	65N	97.32
24C	25C42	26NE1	52.89	24C	25C42	25C	38.23
24C	25C42	26CG	54.87	24C	25C42	66N	95.24
			96.26				60.96
24CA	25C42	65N	79.58	24CA	25C42	26NE1	45.69
24CA	25C42	25C	58.08				
	25C42						
			70.86				
65N	25C42	26CG	76.36	65N	25C42	66N	46.51
OSN-	25C42	65C	30.57	65N	25C42	26CB	90.76
			70.82				
20NE1	25C42	66N	44.28	26NE1	25C42	65C	43.42
			45.27				
25C	25C42	66N	96.14	25C	25C42	26CB	45.17

			TA	BLE XVI			
26CG	25C42	66N	44.88	26CG	25C42	65C	53.98
26CG	25C42	26CB	17.32	66N	25C42	65C	15.94
66N	25C42	26CB	51.51	65C	25C42	26CB	64.35
66N	25N43	65CA	39.20	66N	25N43	660	42.83
66N	25N43	65C	19.66	66N	25N43	66C	33.44
66N	25N43	66CA	16.52	66N	25N43	640	67.91
66N	25N43	650	24.48	66N	25N43	65N	47.82
65CA	25N43	660	79.74	65CA	25 <b>N4</b> 3	65C	22.72
65CA	25N43	66C	72.52	65CA	25N43	66CA	54.97
65CA	25N43	640	35.80	65CA	25 <b>N4</b> 3	650	27.77
65CA	25N43	65N	9.59	660	25 <b>N4</b> 3	65C	62.50
660	25N43	66C	14.75	660	25N43	66CA	32.80
660	25N43	650	66.04	660	25N43	65N	89.14
65C	25N43	66C	52.38	65C	25N43	66CA	33.37
65C	25N43	640	48.27	65C	25 <b>N4</b> 3	650	9.39
65C	25N43	65N	29.76	66C	25N43	66CA	19.82
66C	25N43	640	99.32	66C	25N43	650	54.13
66C	25N43	65N	81.27	66CA	25N43	640	79.51
66CA	25N43	650	34.33	66CA	25N43	65N	62.98
640	25N43	650	45.20	640	25N43	65N	26.86
650	25N43	65N	32 42			134 232 (134	

## TABLE XVII

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Ångstroms of the inhibitor 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone.

Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
67CE2	25C1	67CD2	21.66	67CE2	25C1	60ND2	88.40
67CE2	25C1	67CZ	15.07	67CE2	25C1	2310H2	72.49
67CE2	25C1	670H	28.98	67CE2	25C1	66CA	80.69
67CE2	25C1	67CG	26.79	67CE2	25C1	70ND2	78.17
67CD2	25C1	60ND2	67.38	67CD2	25C1	67CZ	33.45
67CD2	25C1	2310H2	62.87	67CD2	25C1	670H	49.60
67CD2	25C1	66CA	68.97	67CD2	25C1	67CG	10.46
67CD2	25C1	70ND2	58.29	60ND2	25C1	67CZ	95.36
60ND2	25C1	590	49.64	60ND2	25C1	2310H2	73.76
60ND2	25C1	66CA	42.03	60ND2	25C1	650	60.94
60ND2	25C1	67CG	61.96	60ND2	25C1	70ND2	36.62
67CZ	25C1	2310H2	87.30	67CZ	25C1	670H	16.70
67CZ	25C1	66CA	77.40	67CZ	25C1	67CG	34.47
67CZ	25C1	70ND2	91.66	590	25C1	2310н2	59.15
590	25C1	66CA	86.93	590	25C1	650	85.11
590	25C1	70ND2	43.49	2310H2	25C1	670H	96.03
2310H2	25C1	67CG	71.00	2310H2	25C1	70ND2	37.14
670н	25C1	66CA	87.65	670H	25C1	67CG	51.17
66CA	25C1	650	33.94	66CA	25C1	67CG	58.73
66CA	25C1	70ND2	75.50	650	25C1	67CG	92.09
650	25C1	70ND2	97.34	67CG	25C1	70ND2	60.11
67CE2	25C2	67CZ	20.70	67CE2	25C2	67CD2	20.73
67CE2	25C2	670н	36.29	67CE2	25C2	66CA	91.85
67CE2	25C2	67CE1	28.15	67CE2	25C2	60ND2	82.91
67CE2	25C2	66C	74.08	67CE2	25C2	67CG	28.19
67CE2	25C2	67N	63.54	67CZ	25C2	67CD2	36.53
67CZ	25C2	670H	19.80	67CZ	25C2	66CA	91.39
67CZ	25C2	66N	97.52	67CZ	25C2	67CE1	14.08
67CZ	25C2	60ND2	96.48	67CZ	25C2	66C	73.78
67CZ	25C2	67CG	36.08	67CZ	25C2	67N	68.45

			TA	BLE XVII			
67CD2	25C2	670H	55.27	67CD2	25C2	66CA	75.10
67CD2	25C2	66N	89.93	67CD2	25C2	67CE1	35.97
67CD2	25C2	60ND2	62.30	67CD2	25C2	66C	58.50
67CD2	25C2	67CG	13.99	67CD2	25C2	67N	45.40
670H	25C2	67CE1	30.01	670H	25C2	66C	90.02
670н	25C2	67CG	55.88	670H	25C2	67N	87.15
66CA	25C2	650	39.05	66CA	25C2	66N	18.31
66CA	25C2	65C	31.60	66CA	25C2	67CE1	77.85
66CA	25C2	60ND2	42.40	66CA	25C2	66C	17.99
66CA	25C2	67CG	63.85	66CA	25C2	67N	29.89
650	25C2	66N	29.44	650	25C2	65C	15.02
650	25C2	60ND2	62.06	650	25C2	66C	56.82
650	25C2	67N	68.16	66N	25C2	65C	16.65
66N	25C2	67CE1	83.45	66N	25C2	60ND2	59.05
66N	25C2	66C	31.58	66N	25C2	67CG	77.19
66N	25C2	67N	46.44	65C	25C2	67CE1	99.01
65C	25C2	60ND2	65.42	65C	25C2	66C	47.55
65C	25C2	67CG	93.66	65C	25C2	67N	61.39
67CE1	25C2	60ND2	88.93	67CE1	25C2	66C	60.58
67CE1	25C2	67CG	29.84	67CE1	25C2	67N	57.26
60ND2	25C2	66C	44.34	60ND2	25C2	67CG	60.48
60ND2	25C2	67N	35.75	66C	25C2	67CG	46.38
66C	25C2	67N	15.93	67CG	25C2	67N	35.42
650	25C3	65C	17.88	650	25C3	66CA	41.69
650	25C3	66N	32.43	650	25C3	61CB	43.31
650	25C3	65CA	28.80	650	25C3	61CG	61.48
650	25C3	610D1	68.40	65C	25C3	66CA	35.13
65C	25C3	66N	18.49	65C	25C3	61CB	59.01
65C	25C3	65CA	16.90	65C	25C3	61CG	77.19
65C	25C3	610D1	85.63	66CA	25C3	66N	20.18
	25C3	67CE2	75.24	66CA	25C3	61CB	82.37
66CA	25C3	65CA	50.05	66CA	25C3	61CG	99.19
66CA	25C3	67CZ	76.99	66CA	25C3	670H	90.94
66N	25C3	67CE2	90.18	66N	25C3	61CB	75.69
66N	25C3	65CA	30.59	66N	25C3	61CG	93.89
34		67CZ	87.56	66N	25C3	670H	98.55
67CE2	25C3	67CZ	16.06	67CE2	25C3	670H	28.37
61CB	25C3	65CA	59.68	61CB	25C3	61CG	18.24

			TA	BLE XVII			
61CB	25C3	610D1	28.38	65CA	25C3	61CG	76.44
65CA	25C3	610D1	88.03	61CG	25C3	610D1	14.65
67CZ	25C3	670H	15.78	650	25C4	61CG	81.72
650	25C4	61CB	56.74	650	25C4	610D1	92.04
650	25C4	610D2	90.06	650	25C4	65C	13.06
650	25C4	61N	47.80	650	25C4	61CA	52.82
650	25C4	66CA	34.06	650	25C4	66N	23.80
650	25C4	60C	59.87	650	25C4	65CA	23.94
61CG	25C4	61CB	24.99	61CG	25C4	610D1	20.63
61CG	25C4	610D2	17.88	61CG	25C4	65C	91.97
61CG	25C4	61N	50.91	61CG	25C4	61CA	33.78
61CG	25C4	60C	56.14	61CG	25C4	65CA	87.08
61CB	25C4	610D1	39.37	61CB	25C4	610D2	36.30
61CB	25C4	65C	67.18	61CB	25C4	61N	35.38
61CB	25C4	61CA	16.65	61CB	25C4	66CA	87.99
61CB	25C4	66N	80.49	61CB	25C4	60C	47.22
61CB	25C4	65CA	64.13	610D1	25C4	610D2	33.84
610D1	25C4	61N	49.82	610D1	25C4	61CA	39.25
610D1	25C4	60C	48.15	610D2	25C4	65C	97.59
610D2	25C4	61N	67.70	610D2	25C4	61CA	49.40
610D2	25C4	60C	73.98	610D2	25C4	65CA	88.32
65C	25C4	61N	60.83	65C	25C4	61CA	65.24
65C	25C4	66CA	30.77	65C	25C4	66N	15.04
65C	25C4	60C	72.43	65C	25C4	65CA	16.09
61N	25C4	61CA	19.04	61N	25C4	66CA	65.40
61N	25C4	66N	67.36	61N	25C4	60C	15.56
61N	25C4	65CA	68.40	61CA	25C4	66CA	78.91
61CA	25C4	66N	75.90	61CA	25C4		30.75
61CA	25C4	65CA	67.27	66CA	25C4		17.65
66CA	25C4	60C	69.36	66CA			45.82
66N	25C4	60C	75.84	66N	25C4		28.52
60C	25C4	65CA	82.21	610D1	25C5	61CG	21.34
610D1	25C5	61CB	38.98	610D1	25C5		54.59
610D1	25C5	650	86.61				57.24
610D1	25C5		31.11	610D1	W. Marian	590	91.41
610D1	25C5	60CA	77.36	610D1	25C5		39.29
610D1	25C5	600	47.14		25C5		23.42
61CG	25C5	61N	53.21	61CG	25C5	650	71.11

			TAI	BLE XVII		TABLEXVII									
61CG	25C5	60C	63.55	61CG	25C5	610D2	15.46								
61CG	25C5	60CA	84.04	61CG	25C5	61CA	34.30								
61CG	25C5	600	58.88	61CB	25C5	61N	36.38								
61CB	25C5	650	48.37	61CB	25C5	60C	52.26								
61CB	25C5	610D2	34.12	61CB	25C5	60CA	70.23								
61CB	25C5	61CA	19.16	61CB	25C5	600	54.58								
61CB	25C5	60ND2	92.51	61N	25C5	650	46.30								
61N	25C5	60C	18.83	61N	25C5	610D2	67.79								
61N	25C5	590	68.18	61N	25C5	60CA	33.92								
61N	25C5	61CA	19.02	61N	25C5	600	29.73								
61N	25C5	60ND2	59.73	650	25C5	60C	62.13								
650	25C5	610D2	76.92	650	25C5	590	97.98								
650	25C5	60CA	63.97	650	25C5	61CA	50.38								
650	25C5	600	75.74	650	25C5	60ND2	60.02								
60C	25C5	610D2	79.00	60C	25C5	590	50.32								
60C	25C5	60CA	20.70	60C	25C5	61CA	33.16								
60C	25C5	600	15.46	60C	25C5	60ND2	54.15								
610D2	25C5	60CA	99.43	610D2	25C5	61CA	48.77								
610D2	25C5	600	73.92	590	25C5	60CA	36.41								
590	25C5	61CA	83.15	590	25C5	600	49.36								
590	25C5	60ND2	45.49	60CA	25C5	61CA	51.88								
60CA	25C5	600	31.33	60CA	25C5	60ND2	34.90								
61CA	25C5	600	36.38	61CA	25C5	60ND2	78.49								
600	25C5	60ND2	66.22	590	25C6	610D1	84.33								
590	25C6	60CA	37.74	590	25C6	60ND2	52.70								
590	25C6	60C	49.43	590	25C6	59C	7.16								
590	25C6	2310H2	61.67	590	25C6	650	96.01								
590	25C6	61N	65.44	590	25C6	61CG	94.50								
				11 . 77' · ·		60C									
610D1	25C6	59C	79.80	610D1	25C6	650	65.95								
						61CG									
	25C6	60ND2	38.07	60CA	25C6	60C	19.60								
60CA	25C6	59C	30.68	60CA	25C6	2310н2	90.52								
60CA			58.49				31.11								
60CA	25C6		1 4		1.02		55.78								
60ND2	25C6		49.33				69.41								
60ND2	25C6	-	60.19				59.59								
60ND2	25C6	67CE2	71.07	60C	25C6	59C	42.53								

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			TΔ	BLE XVII			
60C	25C6	650	53.64	60C	25C6	61N	16.42
60C	25C6	61CG	50.89	59C	25C6	2310н2	67.54
59C	25C6	650	89.09	59C	25C6	61N	58.40
59C	25C6	61CG	89.02	2310H2	25C6	67CE2	58.91
650	25C6	61N	38.82	650	25C6	61CG	54.53
650	25C6	67CE2	90.16	61N	25C6	61CG	41.32
650	25C7	65C	20.61	650	25C7	66N	35.57
650	25C7	65CA	37.59	650	25C7	640	63.61
650	25C7	66CA	40.23	650	25C7	65N	36.78
650	25C7	64C	50.16	65C	25C7	66N	20.13
65C	25C7	65CA	22.56	65C	25C7	640	58.37
65C	25C7	66CA	34.64	65C	25C7	65N	30.89
65C	25C7	64C	46.81	66N	25C7	65CA	35.80
66N	25C7	640	74.14	66N	25C7	66CA	19.87
66N	25C7	65N	48.83	66N	25C7	64C	64.44
65CA	25C7	640	38.35	65CA	25C7	66CA	54.61
65CA	25C7	65N	16.17	65CA	25C7	64C	29.70
640	25C7	66CA	92.52	640	25C7	65N	28.03
640	25C7	64C	13.53	66CA	25C7	65N	65.51
66CA	25C7	64C	81.44	66CA	25C7	670H	89.07
65N	25C7	64C	15.93	66N	2508	65C	20.16
66N	2508	66CA	21.24	66N	2508	650	33.23
66N	2508	65CA	33.75	66N	2508	67CE1	98.44
66N	2508	67CE2	98.98	66N	2508	66C	34.36
66N	2508	660	36.02	66N	2508	640	65.86
65C	2508	66CA	35.77	65C	2508	650	17.66
65C	2508	65CA	20.48	65C	2508	66C	52.97
			56.18				48.74
66CA	2508	650	39.76	66CA	2508	67CZ	88.60
66CA	2508	65CA	53.75	66CA	2508	67CE1	82.16
66CA	2508	67CE2	78.01	66CA	2508	66C	19.45
66CA	2508	660	29.94	66CA	2508	640	84.46
670H	2508	67CZ	19.19	670H	2508	67CE1	31.81
			31.82				93.01
670H	2508	660	95.44	650	2508	65CA	33.40
			59.16				66.79
			51.69				17.96
67CZ	2508	67CE2	17.62	67CZ	2508	66C	73.92
٠.					•		

			TA	BLE XVII			
67CZ	2508	660	77.47	65CA	2508	66C	67.93
65CA	2508	660	66.32	65CA	2508	640	32.46
67CE1	2508	67CE2	30.82	67CE1	나는 선물이 뭐야?	66C	64.46
67CE1	2508	660	64.18	67CE2		66C	67.34
67CE2	2508	660	75.18	66C	2508	660	15.05
660	2508	640	98.36	66N	25C9	65C	19.56
66N	25C9	65CA	35.74	66N	25C9	66CA	18.50
66N	25C9	650	29.44	66N	25C9	660	37.27
66N	25C9	640	68.91	66N	25C9	66C	32.34
66N	25C9	67CE1	91.45	66N	25C9	67CZ	94.14
65C	25C9	65CA	21.89	65C	25C9	66CA	33.21
65C	25C9	650	14.71	65C	25C9	660	56.83
65C	25C9	640	50.85	65C	25C9	66C	50.46
65CA	25C9	66CA	53.09	65CA	25C9	650	31.99
65CA	25C9	660	69.79	65CA	25C9	640	34.59
65CA	25C9	66C	67.96	66CA	25C9	650	35.79
66CA	25C9	660	30.43	66CA	25C9	640	83.99
66CA	25C9	66C	18.68	66CA	25C9	670H	90.57
66CA	25C9	67CE1	74.02	66CA	25C9	67CZ	75.67
650	25C9	660	64.42	650	25C9	640	51.51
650	25C9	66C	54.47	650	25C9	67CZ	97.86
660	25C9	66C	15.18	660	25C9	670H	88.11
660	25C9	67CE1	62.23	660	25C9	67CZ	72.01
66C	25C9	670н	81.72	66C	25C9	67CE1	59.79
66C	25C9	67CZ	65.61	670H	25C9	67CE1	28.34
670н	25C9	67CZ	16.24	67CE1	25C9	67CZ	16.27
65CA	25010	640	37.93	65CA	25010	65C	19.98
65CA	25010	66N	32.25	640	25010	65C	52.12
	25010		68.39	65C	25010	66N	17.19
	25N11	660	46.02	66N	25N11	66C	38.85
	25N11		20.73	66N	25N11	65C	17.46
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		33.59	66N	25N11	67CD1	91.49
66N	25N11	650	24.15	66N	25N11	67N	48.38
	25N11	100	17.87	660	25N11	66CA	35.52
527 . 5	25 <b>N1</b> 1	** · · · · · · · · · · · · · · · · · ·	63.48	660	25N11	67CE1	75.71
		65CA	76.62	660	25N11	67CZ	83.40
			58.50	660	25 <b>N1</b> 1	670H	99.66
660	25N11	650	67.57	660	25N11	67N	24.87

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			TAE	LE XVII			
66C	25N11	66CA	21.72	66C	25N11	65C	54.97
66C	25N11	67CE1	70.15	66C	25N11	65CA	72.37
66C	25N11	67CZ	73.23	66C	25N11	67CD1	54.55
66C	25N11	670H	88.69	66C	25N11	650	55.57
66C	25N11	67N	11.56	66CA	25N11	65C	34.29
66CA	25N11	67CE1	83.75	66CA	25N11	65CA	53.45
66CA	25N11	67CZ	81.15	66CA	25N11	67CD1	71.00
66CA	25N11	670H	93.79	66CA	25N11	650	33.86
66CA	25N11	67N	28.86	65C	25N11	65CA	20.50
65C	25N11	650	12.17	65C	25N11	67N	63.15
67CE1	25N11	67CZ	16.97	67CE1	25N11	67CD1	17.33
67CE1	25N11	670н	28.98	67CE1	25N11	67N	58.73
65CA	25N11	650	29.33	65CA	25N11	67N	81.90
67CZ	25N11	67CD1	29.85	67CZ	25N11	670H	16.29
67CZ	25N11	650	95.29	67CZ	25N11	67N	61.81
67CD1	25N11	670H	44.88	67CD1	25N11	650	98.49
67CD1	25N11	67N	43.62	670H	25N11	67N	77.48
650	25N11	67N	61.50	660	25C12	66N	39.81
660	25C12	66C	13.28	660	25C12	65CA	68.49
660	25C12	66CA	28.41	660	25C12	65C	53.90
66N	25C12	66C	32.53	66N	25C12	65CA	30.03
66N	25C12	66CA	16.05	66N	25C12	65C	14.10
1610	25C12	161C	14.53	66C	25C12	65CA	62.55
66C	25C12	66CA	17.90	66C	25C12	65C	45.95
65CA	25C12	66CA	45.67	65CA	25C12	65C	17.89
66CA	25C12	65C	28.39	660	25C13	66N	46.61
660	25C13	65CA	81.12	660	25C13	26CB	42.40
660	25C13		12.53	660	25C13	26CD1	59.74
660	25C13	65C	61.86	660	25C13	66CA	31.09
660	25C13	26CG	46.38	660	25C13	26N	73.59
66N	25C13	65CA	34.83	66N	25C13	26CB	65.68
66N	25C13	66C	35.92	66N	25C13	26CD1	50.75
66N	25C13	65C	15.26	66N	25C13	66CA	16.54
to the first that the	25C13		52.33				
25SG	25C13	26CB	74.78	25SG	25C13	26CD1	73.77
25 <i>S</i> G	25C13	26CG	78.01				43.94
25SG	25C13	1610	62.15	65CA	25C13	26CB	87.36
65CA	25C13	66C	70.75	65CA	25C13	26CD1	57.53

			TAE	LE XVII			
65CA	25C13	65C	20.04	65CA	25C13	66CA	51.26
65CA	25C13	26CG	69.09	65CA	25C13	26N	94.25
26CB	25C13	66C	51.08	26CB	25C13	26CD1	34.05
26CB	25C13	65C	76.87	26CB	25C13	66CA	59.32
26CB	25C13	26CG	18.75	26CB	25C13	26N	31.21
66C	25C13	26CD1	60.72	66C	25C13	65C	50.94
66C	25C13	66CA	19.59	66C	25C13	26CG	50.32
66C	25C13	26N	81.92	26CD1	25C13	65C	54.60
26CD1	25C13	66CA	55.37	26CD1	25C13	26CG	16.44
26CD1	25C13	26N	38.73	65C	25C13	66CA	31.37
65C	25C13	26CG	60.91	65C	25C13	26N	93.30
66CA	25C13	26CG	51.05	66CA	25C13	26N	86.68
26CG	25C13	26N	35.89	25SG	25N14	230	84.00
25SG	25N14	26CD1	79.14	25SG	25N14	1610	68.92
25SG	25N14	26N	43.55	25SG	25N14	23C	74.81
25SG	25N14	26CB	70.46	25SG	25N14	26CG	77.79
65CA	25N14	66N	36.05	65CA	25N14	230	53.08
65CA	25N14	26CD1	61.64	65CA	25N14	65C	18.94
65CA	25N14	660	73.48	65CA	25N14	65N	12.48
65CA	25N14	26N	99.87	65CA	25N14	23C	64.69
65CA	25N14	26CB	84.32	65CA	25N14	26CG	69.23
66N	25N14	230	73.08	66N	25N14	26CD1	49.53
66N	25N14	65C	17.28	66N	25N14	660	37.50
66N	25N14	65N	47.78	66N	25N14	26N	82.41
66N	25N14	23C	86.05	66N	25N14	26CB	56.95
66N	25N14	26CG	48.25	230	25N14	26CD1	46.64
230	25N14	65C	63.98	230	25N14	660	96.33
230	25N14	65N	44.52	230	25N14	26N	67.73
230	25N14	23C	13.02	230	25N14	26CB	76.26
230	25N14	26CG	60.45	26CD1	25N14	65C	55.15
26CD1	25N14	660	52.89	26CD1	25N14	65N	64.11
26CD1	25N14	26N	38.34	26CD1	25N14	23C	54.90
26CD1	25N14	26CB	30.70	26CD1			
			54.77				31.08
65C	25N14	100	92.32		and the second of the second		76.79
65C	25N14	26CB	70.71	65C	25N14		58.49
	•		84.80	727 1			64.25
660	25N14		35.42				41.33
		•					

Partie de la			TA	BLE XVII			
65N	25N14	23C	54.87	65N	25N14	26CB	90.63
65N	25N14	26CG	74.10	26N	25N14	23C	67.48
26N	25N14	26CB	29.19	26N	25N14	26CG	34.32
23C	25N14	26CB	82.14	23C	25N14	26CG	68.17
26CB	25N14	26CG	17.47	1610	25C15	25 <i>S</i> G	89.42
1610	25C15	161C	13.49	1610	25C15	162CA	34.91
1610	25C15	162N	23.43	1610	25C15	161CA	23.63
25SG	25C15	161C	88.53	25SG	25C15	162CA	57.17
25 <i>S</i> G	25C15	162N	74.53	161C	25C15	162CA	31.37
161C	25C15	162N	14.79	161C	25C15	161CA	16.28
162CA	25C15	162N	17.76	162CA	25C15	161CA	46.94
162N	25C15	161CA	29.37	65CA	25C15	2300H2	72.79
25SG	25C16	26N	61.11	25SG	25C16	25N	59.97
25 <i>S</i> G	25C16	25CB	23.02	25 <i>S</i> G	25C16	25CA	42.42
25 <b>S</b> G	25C16	26CB	88.58	25SG	25C16	24N	92.96
25SG	25C16	25C	48.34	25SG	25C16	24C	74.43
25SG	25C16	26CA	71.25	25 <i>S</i> G	25C16	24CA	91.58
230	25C16	26CD1	61.77	230	25C16	26N	94.53
230	25C16	25N	67.24	230	25C16	23C	18.20
230	25C16	65CA	58.52	230	25C16	25CA	87.06
230	25C16	26CG	77.13	230	25C16	26NE1	47.29
230	25C16	26CB	97.08	230	25C16	66N	79.63
230	25C16	24N	30.53	230	25C16	23CA	32.27
230	25C16	25C	94.82	230	25C16	24C	56.19
230	25C16	26CA	99.54	230	25C16	24CA	36.83
230	25C16	65C	67.39	230	25C16	65N	45.21
26CD1	25C16	26N	51.13	26CD1	25C16	25N	68.54
26CD1	25C16	23C	73.51	26CD1	25C16	65CA	68.04
26CD1	25C16	25CB	97.25	26CD1	25C16	25CA	76.12
26CD1	25C16	26CG	15.44	26CD1	25C16	26NE1	15.45
26CD1	25C16	26CB	35.76	26CD1	25C16	66N	52.08
26CD1	25C16	24N	69.01	26CD1	25C16	23CA	92.69
26CD1	25C16	25C	63.96	26CD1	25C16	24C	55.05
26CD1	25C16	26CA		26CD1	and the world		52.83
26CD1	25C16	65C	56.87	26CD1	25C16		54.10
26CD1	25C16	65N	69.48	26N	25C16	25N	44.67
26N	25C16	23C	93.12	26N	25C16	25CB	51.34
26N	25C16	25CA	35.79	26N	25C16		42.62

TABLE XVII										
26N	25C16	26NE1	63.79	26N	25C16	26CB	34.80			
26N	25C16	66N	93.89	26N	25C16		77.38			
26N	25C16	25C	16.11	26N	25C16		44.64			
26N	25C16	26CA	16.33	26N	25C16	24CA	61.13			
26N	25C16	660	70.60	25N	25C16	23C	56.44			
25N	25C16	25CB	37.16	25N	25C16	25CA	19.86			
25N	25C16	26CG	71.75	25N	25C16	26NE1	70.29			
25N	25C16	26CB	75.60	25N	25C16	24N	39.16			
25N	25C16	23CA	68.19	25N	25C16	25C	33.83			
25N	25C16	24C	15.28	25N	25C16		60.18			
25N	25C16	24CA	31.81	23C	25C16	65CA	74.98			
23C	25C16	25CB	86.20	23C	25C16	25CA	75.86			
23C	25C16	26CG	87.97	23C	25C16	26NE1	60.92			
23C	25C16	66N	97.84	23C	25C16	24N	17.30			
23C	25C16	23CA	19.93	23C	25C16	25C	88.48			
23C	25C16	24C	49.42	23C	25C16	24CA	32.05			
23C	25C16	65C	85.33	23C	25C16	65N	60.76			
65CA	25C16	26CG	76.49	65CA	25C16	26NE1	57.92			
65CA	25C16	26CB	90.45	65CA	25C16	66N	33.37			
65CA	25C16	24N	89.01	65CA	25C16	23CA	76.80			
65CA	25C16	24CA	90.04	65CA	25C16	65C	17.45			
65CA	25C16	660	68.34	65CA	25C16	65N	14.75			
25CB	25C16	25CA	21.65	25CB	25C16	26CG	93.09			
25CB	25C16	26CB	85.06	25CB	25C16	24N	70.81			
25CB	25C16	23CA	89.00	25CB	25C16	25C	35.50			
25CB	25C16	24C	52.00	25CB	25C16	26CA	65.90			
25CB	25C16	24CA	68.59	25CA	25C16	26CG	73.95			
			82.49	25CA	25C16	26CB	70.49			
25CA	25C16	24N	58.71	25CA	25C16	23CA	85.38			
25CA	25C16	25C	20.38	25CA	25C16	24C	32.49			
25CA	25C16	26CA	52.03	25CA	25C16	24CA	51.06			
			30.69							
			52.82							
	25C16	25C	57.74	26CG	25C16	24C	60.85			
26CG	25C16	26CA	32.36	26CG	25C16	24CA	63.73			
26CG	25C16	65C	62.21	26CG	25C16	1 NOTE: 1	43.58			
26CG	25C16	65N	80.99	26NE1	25C16	26CB				
26NE1	25C16	66N	51.16	26NE1	25C16	24N	59.98			

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			TAE	BLE XVII			
26NE1	25C16	23CA	79.09	26NE1	25C16	25C	74.44
26NE1	25C16	24C	55.27	26NE1	25C16	26CA	59.77
26NE1	25C16	24CA	46.88	26NE1	25C16	65C	50.71
26NE1	25C16	660	63.77	26NE1	25C16	65N	56.44
26CB	25C16	66N	60.55	26CB	25C16	24N	96.31
26CB	25C16	25C	50.81	26CB	25C16	24C	69.20
26CB	25C16	26CA	19.18	26CB	25C16	24CA	77.92
26CB	25C16	65C	73.91	26CB	25C16	660	36.73
26CB	25C16	65N	98.03	66N	25C16	26CA	79.58
66N	25C16	24CA	97.14	66N	25C16	65C	16.15
66N	25C16	660	35.16	66N	25C16	65N	46.29
24N	25C16	23CA	32.77	24N	25C16	25C	71.39
24N	25C16	24C	32.88	24N	25C16	26CA	88.94
24N	25C16	24CA	18.41	24N	25C16	65C	96.24
24N	25C16	65N	75.67	23CA	25C16	24C	65.31
23CA	25C16	24CA	50.41	23CA	25C16	65C	91.28
23CA	25C16	65N	62.12	25C	25C16	24C	39.37
25C	25C16	26CA	31.92	25C	25C16	24CA	58.36
25C	25C16	660	85.95	24C	25C16	26CA	57.54
24C	25C16	24CA	19.36	24C	25C16	65N	97.77
26CA	25C16	24CA	71.17	26CA	25C16	65C	92.26
26CA	25C16	660	54.28	24CA	25C16	65C	91.93
24CA	25C16	65N	79.37	65C	25C16	660	51.31
65C	25C16	65N	30.19	660	25C16	65N	81.41
25 <i>S</i> G	25C17	25CB	33.36	25SG	25C17	25N	69.53
25SG	25C17	25CA	47.13	25SG	25C17	26N	51.70
25SG	25C17	25C	42.10	25 <i>S</i> G	25C17	L <b>61</b> 0	81.99
25 <i>S</i> G	25C17	162ND1	45.09		25C17	24C	78.33
25 <i>S</i> G	25C17	26CD1	91.04	25SG	25C17	19NE2	91.40
25 <i>S</i> G	25C17	24CA	96.69	25SG	25C17 1	L63N	23.29
25SG	25C17	162CA	48.75	25CB	25C17	25N	43.65
25CB	25C17	25CA	23.36	25CB	25C17	23C	97.56
25CB	25C17	26N	52.35	25CB	25C17	24N	79.60
			34.92				
25CB	25C17	24C	54.50	25CB	25C17	26CD1	89.27
25CB	25C17	19NE2	59.46	25CB	25C17	24CA	71.68
25CB	25C17	163N	55.20	25CB	25C17 1	.62CA	73.99
25N	25C17	25CA	22.58	25N	25C17	230	63.36

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			TA	BLE XVII				
25N	25C17	23C	56.78	11 12 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C17	26N	42.10	(4) (4)
25N	25C17	23CA	72.74	25N	25C17	24N	39.75	
25N	25C17	25C	33.56	25N	25C17	162ND1	89.46	
25N	25C17	24C	11.07	25N		26CD1		
25N	25C17	19NE2	52.78	25N	25C17		28.26	
25N	25C17	163N	92.62	25CA	25C17	230	85.24	
25CA	25C17	23C	79.30	25CA	25C17	26N	36.07	
25CA	25C17	23CA	93.96	25CA	25C17	24N	61.96	
25CA	25C17	25C	19.74	25CA	25C17	162ND1	71.14	
25CA	25C17	24C	32.47	25CA	25C17	26CD1	67.46	
25CA	25C17	19NE2	60.34	25CA	25C17	24CA	50.61	
25CA	25C17	163N	70.36	25CA	25C17	162CA	94.23	
230	25C17	23C	18.25	230	25C17	26N	78.82	
230	25C17	23CA	34.40	230	25C17	24N	31.56	
230	25C17	25C	86.35	230	25C17	24C	52.82	
230	25C17	26CD1	45.95	230	25C17	19NE2	76.58	
230	25C17	2300H2	65.85	230	25C17	24CA	35.23	
23€	25C17	26N	84.24	23C	25C17	23CA	21.57	
23C	25C17	24N	17.96	23C	25C17	25C	86.44	
23C		24C	48.18	23C	25C17	26CD1	59.52	
23C	25C17	19NE2	58.61	23C	25C17	2300н2	60.40	
23C	25C17	24CA	30.09	26N	25C17	24N	73.12	
26N	25C17	25C	17.65	26N	25C17	162ND1	93.89	
26N	25C17	24C	42.62	26N	25C17	26CD1	40.31	
26N	25C17	19NE2	93.61	26N		24CA	56.29	
26N	2 19 9 X Liv	163N	67.72	26N	# # 1 To 1	162CA	96.10	年ま 5
23CA	25C17	24N	33.68	23CA	25C17	24C	66.27	
23CA								<i>?</i>
23CA	25C17	2300H2	40.17	23CA	25C17	24CA	49.58	
24N								
The State of the S	1 00/10/2007		59.47					
							16.96	
			79.14					1.50
			55.45					
25C	25C17	24CA	56.38	25C	25C17	163N	62.85	
			90.50					•
1610								
1610	23C1/	102CA	33.46	102ND1	25C17	19NE2	71.55	
				648	*			jä V

		TA	BLE XVII		
162ND1	25C17 163N	44.58	162ND1	25C17 162CA	38.78
24C	25C17 26CD1	48.36	24C	25C17 19NE2	57.22
24C	25C17 24CA	18.38	26CD1	25C17 24CA	46.21
19NE2	25C17 230OH2	73.47	19NE2	25C17 24CA	57.12
2300H2	25C17 24CA	89.69	163N	25C17 162CA	28.44
25SG	25C18 1610	91.87	25 <i>S</i> G	25C18 25CB	20.14
25 <i>S</i> G	25C18 23CA	98.61	25SG	25C18 161C	85.38
25SG	25C18 230	83.74	25 <i>S</i> G	25C18 23C	83.16
25SG	25C18 162ND1	47.66	25SG	25C18 162CA	57.49
25SG	25C18 25N	40.60	1610	25C18 161C	8.04
1610	25C18 162ND1	67.18	1610	25C18 162CA	35.14
2300H2	25C18 23CA	43.13	2300н2	25C18 230	66.88
2300H2	25C18 23C	61.23	25CB	25C18 23CA	84.02
25CB	25C18 161C	98.23	25CB	25C18 230	77.59
25CB	25C18 23C	72.21	25CB	25C18 162ND1	43.49
25CB	25C18 162CA	68.17	25CB	25C18 25N	30.01
23CA	25C18 230	30.55	23CA	25C18 23C	19.20
23CA	25C18 25N	58.06	161C	25C18 162ND1	65.74
161C	25C18 162CA	30.20	230	25C18 23C	15.25
230	25C18 25N	47.60	23C	25C18 25N	43.17
162ND1	25C18 162CA	39.32	162ND1	25C18 25N	72.26
162CA	25C18 25N	96.88	660	25C19 67CE1	68.17
660	25C19 67CD1	54.92	1600	25C19 161C	52.84
1600	25C19 161CA	35.03	1600	25C19 1610	63.95
1600	25C19 162N	57.36	67CE1	25C19 67CD1	17.17
161C	25C19 161CA	18.68	161C	25C19 1610	14.83
161C	25C19 162N	15.27	161CA	25C19 1610	29.02
-	25C19 162N	28.85	1610	25C19 162N	26.37
660	25C20 67CD1	61.25	660	25C20 163CB	94.46
660	25C20 66C	9.87	660	25C20 68SD	69.49
660	25C20 67CE1	71.63	660	25C20 26CB	36.33
67CD1	25C20 66C	52.72	67CD1	25C20 68SD	78.08
67CD1	25C20 67CE1	17.64	67CD1	25C20 26CB	92.78
	25C20 68SD			25C20 163N	29.80
	25C20 134CB	65.83	163CB	25C20 26CB	58.92
	25C20 68SD	74.07	66C	25C20 67CE1	62.03
66C	25C20 26CB	46.18	68SD	25C20 67CE1	95.08
68SD	25C20 163N	82.16	68SD	25C20 134CB	71.67
4.5					

	WO 97/1617	7			PCI	/US96/1751:
	68SD	25C20 26CB	55.82	ABLE XVII 163n	25C20 134CB	200
	163N	25C20 26CB	80.06	. V		62.79
	67CD1	25C21 67CE1				74.52
	67CD1	动物物的 医皮肤原虫	94.26	67CD1		65.47
	67CD1		10.50		25C21 67CA 25C21 209CG	41.35
	67CD1	하다는 도로 함께 본 때 관련이다.	53.86		and, and the same open diden	78.82
	209CD2	25C21 68SD	93.95	209CD2		74.15
	209CD2	25C21 67CA	99.15	198.51		66.63
	209CD2		13.43	209CD2	25C21 68CE	80.75
	67CE1		75.62		25C21 67CA	78.53
	67CE1		30.58	'지원' 전환기 연극 표	25C21 87CA	60.36 82.83
	67CE1	25C21 66C	64.25	1,120,111	25C21 205CG	70.26
	660	25C21 67CA	36.25	3.0	25C21 67CG	
	660	25C21 68CE	92.80		25C21 66C	56.88
	68SD	25C21 134CB	81.96	68SD	25C21 67CA	11.70 59.58
	68SD	25C21 67CG	85.39	68SD	25C21 209CG	80.91
	68SD	25C21 68CE	22.58	68SD	25C21 66C	74.79
	134CB	25C21 209CG	61.74	134CB	25C21 68CE	60.74
	67CA	25C21 67CG	30.85		25C21 209CG	95.15
	67CA	25C21 68CE	78.69	67CA	25C21 66C	29.16
	67CG	25C21 209CG	82.94	67CG	25C21 68CE	99.01
, Y.	67CG	25C21 66C	45.56		25C21 68CE	65.12
	68CE	25C21 66C	97.17		25C22 163CB	41.38
	163N		Al and a second	. 445	25C22 163CA	
	163N		35.18		25C22 162CA	
		25C22 162N				83.08
		25C22 25SG	200 M M 1	and the second second		68.41
		25C22 68SD				68.27
					25C22 162C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			23.53	163CB	25C22 1620	65.54
		25C22 162CA				96.04
					25C22 25SG	60.46
					25C22 68SD	
		25C22 134CA	68.94	162C	25C22 163CA	38.46
		25C22 1620			25C22 163CA	the second second
		25C22 162N		13.174	25C22 134CB	
	100	25C22 25SG			25C22 161C	51.73
	and the second s		56.33	a second	25C22 134CA	58.55

	WO 97/1617	7		PC	T/US96/17512
			TABLE XVII		
	163CA	25C22 162O	42.12 163CA		57.32
	163CA	25C22 162N	74.25 163CA		"我一点"的一个身体的眼睛看一点的话,"是有'多'的话,这一样的,我们会
	163CA	25C22 25SG	61.97 163CA	25C22 161C	
	163CA	25C22 68SD	76.50 163CA	25C22 1610	
	163CA	25C22 134CA	55.19 1620	25C22 162CA	
	1620	25C22 162N	40.22 1620	25C22 134CB	
	1620	25C22 25SG	79.79 1620	25C22 161C	57.52
Jan 19	1620	25C22 1610	66.63 1620	25C22 134CA	41.20
Tari Ka. Marak	162CA	25C22 162N	20.16 162CA	25C22 134CB	87.29
	162CA	25C22 25SG	55.65 162CA	25C22 161C	32.48
	162CA	25C22 1610	35.17 162CA	25C22 134CA	
	162N	25C22 134CB	81.91 162N	25C22 25SG	71.75
	162N	25C22 161C	17.31 162N	25C22 1610	28.19
	162N	25C22 134CA	75.24 134CB	25C22 161C	94.20
	134CB	25C22 68SD	76.86 134CB	25C22 134CA	17.24
	25SG	25C22 161C	71.58 25SG	25C22 660	87.43
	25SG	25C22 1610	59.61 161C	25C22 1610	14.91
	161C	25C22 134CA	90.49 660	25C22 68SD	61.09
	68SD	25C22 134CA	77.47 1610	25N23 25SG	96.69
	1610	25N23 162ND1	87.98 1610	25N23 161C	7.60
	1610	25N23 162CA	42.67 1610	25N23 162CB	53.10
	1610	25N23 162N	24.12 1610	25N23 162CG	72.20
			99.02 25SG	25N23 162ND1	58.85
	25SG		90.78 25SG	25N23 162CA	
	25 <i>S</i> G	25N23 162CB	74.63 25SG	25N23 25CB	22.39
			78.71 25SG		65.53
, Maria Maria			56.82 162ND1		80.81
	162ND1	25N23 162CA	47.69 162ND1	25N23 162CB	35.43
	162ND1		47.77 162ND1		64.92
i de la companya della companya della companya de la companya della companya dell	162ND1	25N23 162CG	16.11 162ND1	25N23 162CE1	11.08
	161C	25N23 162CA	35.07 161C	25N23 162CB	46.35
	161C	25N23 162N	16.53 161C	25N23 162CG	65.21
	161C	25N23 162CE1	91.80 162CA	25N23 162CB	20.44
	162CA	25N23 25CB	73.45 162CA	25N23 162N	18.55
	162CA	25N23 162CG	33.95 162CA	25N23 162CE1	58.16
			75.17 162CB		31.96
	162CB		19.34 162CB		46.49
	25CB	25N23 162N	90.62 25CB	25N23 162CG	59.94

		ТА	BLE XVII			
25CB	25N23 162CI		in the second second	10.056	162CG	49.81
162N	25N23 162CI	E1 75.77	162CG		162CE1	27.14
1610	25C24 162NI		11.77		25SG	68.87
1610	25C24 25CI	원선 중시 경우 생활하게 있는	1대원 하면서 다시	나는 살이 작가 되었다.	162CE1	84.02
1610	25C24 161C	5.61	1610	25C24		60.27
2300H2	25C24 19NI	82.86	2300н2		23CA	39.21
162ND1	25C24 25SC	49.38	162ND1	25C24		75.30
162ND1	25C24 25CE	3 42.32	162ND1		162CE1	12.89
162ND1	25C24 161C	66.20	162ND1	25C24		13.50
25SG	25C24 19NE	69.24	25SG	25C24		21.54
25SG	25C24 162CE	51.86	25SG	25C24		67.93
25 <i>S</i> G	25C24 23C	75.54	25 <i>S</i> G	25C24	いんこうり みたい	55.53
19NE2	25C24 25CE	50.50	19NE2	25C24	162CE1	63.30
19NE2	25C24 23CA	49.37	19NE2	25C24	162CG	88.70
25CB	25C24 162CE	38.82	25CB	25C24	161C	84.51
25CB	25C24 23CA	72.33	25CB	25C24	162CG	53.33
162CE1	25C24 161C	79.07	162CE1	25C24	162CG	25.60
161C	25C24 162CG	54.95	2300H2	25025	23CA	52.31
2300H2	25025 220	74.89	2300H2	25025	23N	49.81
2300Н2	25025 23C	64.37	23CA	25025	19NE2	59.20
23CA	25025 25SG	80.98	23CA	25025	220	33.94
23CA	25025 23N	14.51	23CA	25025	23C	15.82
19NE2	25025 25SG	68.80	19NE2	25025	220	32.41
19NE2	25025 23N	57.42	19NE2	25025	23C	55.28
25 <i>S</i> G	25025 220	87.84	25SG	25025	1610	56.79
25SG	25025 23N	93.48	25SG	25025	23C	65.16
220	25025 23N	26.63	220	25025	23C	39.45
	25025 23C	29.23	162ND1		1610	70.33
162ND1	25C26 162CG	16.51	162ND1	25C26	184CZ2	61.61
	25C26 162CB					
162ND1	25C26 184NE	1 54.26	1610	25C26	162CG	62.73
1610	25C26 162CB	46.80	1610	25C26	162CE1	84.49
162CG	25C26 184CZ	2 58.73	162CG	25C26	162CB	18.91
	25C26 162CE					
	25C26 162CB					
	25C26 184NE					
	25C26 184NE					
1610	25C27 1610D	1 53.78	1610	25C27	161C	11.71

		TABLEX	(VII	
1610	25C27 162CB	46.13 1610	25C27 162ND1	62.87
1610D1	25C27 161C	42.77 1610	OD1 25C27 162CB	55.70
1610D1	25C27 162ND1	86.16 1610	25C27 162CB	40.57
161C	25C27 162ND1	63.10 1620	CB 25C27 162ND1	30.49
1610D1	25C28 1370	69.81 1610	DD1 25C28 1610	54.98
1610D1	25C28 137C	53.96 1610	DD1 25C28 137CB	55.92
1610D1	25C28 162CB	61.51 1610	DD1 25C28 161CG	11.62
1610D1	25C28 138N	47.36 1610	DD1 25C28 161C	42.86
1370	25C28 137C	15.86 1370	25C28 184CZ2	70.21
1370	25C28 137CB	37.24 1370	25C28 162CB	85.15
1370	25C28 161CG	80.00 1370	25C28 138N	27.64
1370	25C28 184CH2	55.56 1610	25C28 137CB	84.76
1610	25C28 162CB	45.37 1610	25C28 161CG	49.97
1610	25C28 161C	13.42 1370	25C28 184CZ2	81.49
137C	25С28 137СВ	32.38 1370	25C28 162CB	78.21
137C	25C28 161CG	64.18 1370	25C28 138N	15.77
137C	25C28 184CH2	68.22 1370	25C28 161C	90.09
184CZ2	25С28 137СВ	63.63 1840	Z2 25C28 162CB	70.10
184CZ2	25C28 138N	96.79 1840	Z2 25C28 184CH2	15.72
137CB	25C28 162CB	47.93 1370	B 25C28 161CG	67.40
137CB	25C28 138N	45.63 1370	B 25C28 184CH2	56.70
137CB	25C28 161C	73.01 1620	B 25C28 161CG	66.72
162CB	25C28 138N	87.00 1620	B 25C28 184CH2	76.56
162CB	25C28 161C	39.92 1610	G 25C28 138N	55.54
161CG	25C28 161C	39.76 138N	25C28 184CH2	82.84
138N	25C28 161C	88.57 1610	D1 25C29 161CG	17.77
1610D1	25C29 161CB	38.20 1610	DD1 25C29 137C	69.75
1610D1	25C29 138N	63.36 1610	D1 25C29 1610	67.46
			D1 25C29 138CA	
			D1 25C29 161C	
			D1 25C29 137N	
1610D1	25C29 161ND2	20.78 1610	D1 25C29 162CB	69.24
1610D1	25C29 138CB	70.48 1610	D1 25C29 161CA	39.44
			G 25C29 161CB	
			G 25C29 138N	
	the second of the second of the second		G 25C29 138CA	
161CG			G 25C29 161C	
			G 25C29 137N	
		No.		

			TA	BLE XVII		gar it in it	
161CG	25C29	161ND2	11.82	161CG	25C29	162CB	78.89
161CG	25C29	138CB	72.41	161CG	25C29	161CA	31.89
161CG	25C29	162N	53.19	161CB	25C29	138N	98.38
161CB	25C29	1610	43.85	161CB	25C29	137CB	99.44
161CB	25C29	161C	35.43	161CB	25C29	137CA	94.94
161CB	25C29	137N	76.23	161CB	25C29	161ND2	33.15
161CB	25C29	162CB	75.97	161CB	25C29	138CB	91.71
161CB	25C29	161CA	16.99	161CB	25C29	162N	46.28
137C	25C29	138N	19.59	137C	25C29	1370	17.39
137C	25C29	138CA	35.03	137C	25C29	137CB	35.61
137C	25C29	137CA	20.11	137C	25C29	137N	34.13
137C	25C29	161ND2	78.64	137C	25C29	162CB	84.64
137C	25C29	138CB	50.91	137C	25C29	162N	96.62
138N	25C29	1370	32.46	138N	25C29	138CA	20.27
138N	25C29	137CB	52.67	138N	25C29	137CA	33.41
138N	25C29	137N	37.77	138N	25C29	161ND2	65.96
138N	25C29	162CB	98.96	138N	25C29	138CB	32.14
1610	25C29	137CB	93.41	1610	25C29	161C	16.38
1610	25C29	137N	91.81	1610	25C29	161ND2	74.07
1610	25C29	162CB	47.11	1610	25C29	161CA	30.52
1610	25C29	162N	27.28	1370	25C29	138CA	39.55
1370	25C29	137CB	39.61	1370	25C29	137CA	32.50
1370	25C29	137N	49.84	1370	25C29	161ND2	95.83
1370	25C29	162CB	87.74	1370	25C29	138CB	58.44
138CA	25C29	137CB	70.56	138CA	25C29	137CA	52.71
138CA	25C29	137N	57.82	138CA	25C29	161ND2	73.59
138CA		138CB	19.26	137CB	25C29		82.69
137CB	25C29	137CA	20.23	137CB	25C29	137N	32.22
137CB	25C29	161ND2	84.94	137CB	25C29	162CB	49.44
137CB			N		2 1	161CA	89.09
137CB	25C29	162N	67.71	161C	25C29	137CA	89.83
161C	25C29	137N	76.15	161C	25C29	161ND2	60.90
161C	25C29	162CB	43.16	161C	25C29	161CA	18.88
		162N	4 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4				18.89
137CA	25C29	161ND2	71.91	137CA	25C29	162CB	66.00
		138CB					89.85
137CA				137N			53.90
137N	25C29	162CB	64.20	137N	25C29	138CB	63.74

		TA	BLE XVII		
137N	25C29 161CA	72.67	137N	25C29 162N	65.28
161ND2	25C29 162CB	88.34	161ND2	25C29 138CB	60.67
161ND2	25C29 161CA	43.56	161ND2	25C29 162N	64.33
162CB	25C29 161CA	59.23	162CB	25C29 162N	29.75
161CA	25C29 162N	29.47	1370	25C30 143NE2	59.46
1370	25C30 184CZ2	69.76	1370	25C30 137C	14.57
1370	25C30 138CA	35.79	1370	25C30 184CH2	56.99
1370	25C30 138N	26.64	143NE2	25C30 184CZ2	83.66
143NE2	25C30 137C	71.37	143NE2	25C30 138CA	63.07
143NE2	25C30 184CH2	68.61	143NE2	25C30 138N	72.68
184CZ2	25C30 137C	78.03	184CZ2	25C30 184CH2	16.45
184CZ2	25C30 138N	93.46	137C	25C30 138CA	30.17
137C	25C30 184CH2	67.67	137C	25C30 138N	15.43
138CA	25C30 184CH2	92.20	138CA	25C30 138N	17.17
184CH2	25C30 138N	82.69	184CZ2	25N31 184NE1	33.41
184CZ2	25N31 184CE2	17.32	184CZ2	25N31 162ND1	57.89
184CZ2	25N31 19NE2	96.35	184NE1	25N31 184CE2	16.98
184NE1	25N31 162ND1	53.50	184NE1	25N31 19NE2	63.65
184CE2	25N31 162ND1	57.86	184CE2	25N31 19NE2	80.63
162ND1	25N31 19NE2	68.39	184NE1	25C32 184CE2	19.92
184NE1	25C32 184CZ2	38.87	184NE1	25C32 19NE2	81.55
184NE1	25C32 19OE1	51.17	184NE1	25C32 19CD	64.02
184NE1	25C32 184CD1	13.69	184NE1	25C32 162ND1	58.56
184NE1	25C32 162CE1	44.43	184CE2	25C32 184CZ2	20.46
184CE2	25C32 19OE1	70.66	184CE2	25C32 19CD	83.94
184CE2	25C32 184CD1	29.80	184CE2	25C32 162ND1	62.83
184CE2	25C32 162CE1	52.80	184CZ2	25C32 19OE1	86.31
184CZ2	25C32 184CD1	50.14	184CZ2	25C32 162ND1	60.09
184CZ2	25C32 162CE1	56.05	19NE2	25C32 19OE1	31.34
	25C32 19CD				
19NE2	25C32 162ND1	75.92	19NE2	25C32 162CE1	69.31
190E1	25C32 19CD	16.54	190E1	25C32 184CD1	47.47
190E1	25C32 162ND1	56.39	190E1	25C32 162CE1	44.21
	25C32 184CD1			25C32 162ND1	
19CD	25C32 162CE1	60.09	The section of the section of	25C32 162ND1	
184CD1	25C32 162CE1	53.91	162ND1	25C32 162CE1	16.00
184NE1	25033 190E1	71.37	184NE1	25033 19CD	86.43
184NE1	25033 184CE2	20.79	184NE1	25033 184CD1	17.17

		T:A	BLE XVII		
184NE1	25033 162CE1	60.07	11, 2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	and the second s	41 70
184NE1	THE STANDARD OF SHIPLEY			25033 19CG	41.79 80.45
184NE1	하는 사람이 없는 환경하는 그리고 있었다.	16.63			50.59
184NE1	25033 184CG		184NE1	이상 회사가 있는데 이 그를 가게 꾸는다.	
184NE1	25033 25CB		190E1	25033 1020G	72.21 40.72
190E1	25033 19CD	21.44		25033 184CE2	
190E1	25033 184CD1				91.61
190E1		74.45		25033 19CG	59.41 30.46
190E1	25033 184CD2			25033 162NE2	64.69
190E1	25033 184CG	72.71			83.38
190E1	25033 25CB	44.37		25033 19CD	22.85
19NE2	25033 184CD1	95.28		25033 162CE1	91.27
19NE2	25033 162ND1	97.51			32.33
19NE2	25033 25CB	55.21	19CD	25033 184CD1	
19CD	25033 162CE1	79.91	19CD	25033 162ND1	92.65
19CD	25033 19CG	15.53	19CD	25033 162NE2	85.98
19CD	25033 184CG	83.64	19CD	25033 25CB	55.10
184CE2	25033 184CD1	35.82	184CE2	25033 162CE1	
184CE2	25033 184CZ2	21.88	184CE2	25033 162ND1	76.32
184CE2	25033 184CD2	10.76	184CE2	25033 162NE2	54.99
184CE2	25033 184CG	26.75	184CE2	25033 162CG	68.94
184CD1	25033 162CE1	68.79	184CD1	25033 184CZ2	57.65
184CD1	25033 162ND1	87.29	184CD1	25033 19CG	64.62
184CD1	25033 184CD2	27.61	184CD1	25033 162NE2	61.38
184CD1	25033 184CG	11.29	184CD1	25033 162CG	85.74
184CD1	25033 25CB	93.60	162CE1	25033 184CZ2	67.50
162CE1	25033 162ND1	20.07	162CE1	25033 19CG	89.40
162CE1	25033 184CD2	72.00	162CE1	25033 162NE2	11.22
162CE1	25033 184CG	72.92	162CE1	25033 162CG	25.06
162CE1	25033 25CB	41.49	184CZ2	25033 162ND1	70.13
184CZ2	25033 184CD2	31.61	184CZ2	25033 162NE2	56.74
184CZ2	25033 184CG	48.49	184CZ2	25033 162CG	60.18
162ND1	25033 184CD2	84.61	162ND1	25033 162NE2	25.95
162ND1	25033 184CG	89.59	162ND1	25033 162CG	11.10
162ND1	25033 25CB	42.38	19CG	25033 184CD2	91.76
19CG	25033 162NE2	93.17	19CG	25033 184CG	74.56
19CG	25033 25CB	70.08	184CD2	25033 162NE2	61.34
184CD2	25033 184CG	17.21	184CD2	25033 162CG	78.20

		TA	BLE XVII		
162NE2	25033 184CG	63.94	162NE2	THE RESERVE WITH THE WAR TO SERVE WITH THE	26.05
162NE2	25033 25CB	52.56	184CG	25033 162CG	85.93
162CG	25033 25CB	53.49	o na 186 di kacimatan	25034 184CE2	18.11
184NE1	25034 184CZ2	33.70	184NE1	25034 19NE2	70.03
184NE1	25034 184CD1	15.57	184NE1	Pirki i di di kaki uda bibatut i	56.05
184NE1	25034 190E1	43.11	184CE2	25034 184CZ2	18.11
184CE2	25034 19NE2	87.63	184CE2	25034 184CD1	28.12
184CE2	25034 19CD	74.10	184CE2	25034 190E1	60.83
184CZ2	25034 19NE2	97.82	184CZ2	25034 184CD1	46.02
184CZ2	25034 19CD	86.79	184CZ2	25034 190E1	72.54
19NE2	25034 184CD1	68.22	19NE2	25034 19CD	16.05
19NE2	25034 190E1	26.92	184CD1	25034 19CD	52.52
184CD1	25034 190E1	42.67	19CD	25034 190E1	14.42
200	25C35 19NE2	68.42	200	25C35 19CD	70.46
200	25C35 19CG	55.17	200	25C35 19OE1	84.98
200	25C35 21NE2	59.84	200	25C35 210E1	59.50
19NE2	25C35 184NE1	74.82	19NE2	25C35 19CD	18.63
19NE2	25C35 19CG	33.10	19NE2	25C35 184CD1	76.03
19NE2	25C35 19OE1	29.73	19NE2	25C35 184CE2	89.27
184NE1	25C35 19CD	61.33	184NE1	25C35 19CG	69.26
184NE1	25C35 184CD1	18.20	184NE1	25C35 19OE1	46.19
184NE1	25C35 184CE2	15.64	19CD	25C35 19CG	20.18
19CD	25C35 184CD1	59.00	19CD	25C35 19OE1	15.55
19CD	25C35 184CE2	76.79	19CG	25C35 184CD1	60.31
19CG	25C35 190E1	31.00	19CG	25C35 184CE2	84.62
184CD1	25C35 19OE1	46.45	184CD1	25C35 184CE2	27.90
190E1	25C35 184CE2	61.48	21NE2	25C35 210E1	26.73
				25C36 21CD	
				25C36 21CD	
				25C36 184CG	
				25C36 19CG	
184NE1	25C36 184CG	28.30	184NE1	25C36 184CE2	16.44
				25C36 184CE2	
				25C36 19CG	
				25C37 21CD	
21NE2	25C37 210E1	29.73	21NE2	25C37 20C	72.88
200	25C37 21CD	66.28	200	25C37 210E1	66.79
200	25C37 20C	14.00	21CD	25C37 21OE1	16.17

		TA	BLE XVII		
21CD	25C37 20C	62.16	210E1	25C37 20C	66.88
21NE2	25C38 21CD	9,90	21NE2	25C38 200	63.92
21CD	25C38 200	54.43	184CG	25C40 184CB	20.90
184CG	25C40 184CD2	19.97	184CG	25C40 184CD1	18.76
184CG	25C40 184CE2	29.83	184CG	25C40 184NE1	29.07
184CG	25C40 184CE3	34.09	184CG	25C40 1840	55.54
184CG	25C40 184CA	32.20	184CB	25C40 184CD2	36.24
184CB	25C40 184CD1	35.47	184CB	25C40 184CE2	50.10
184CB	25C40 184NE1	49.38	184CB	25C40 184CE3	43.19
184CB	25C40 1840	34.81	184CB	25C40 184CA	17.73
184CD2	25C40 184CD1	30.80	184CD2	25C40 184CE2	17.77
184CD2	25C40 184NE1	29.02	184CD2	25C40 184CE3	17.34
184CD2	25C40 1840	69.94	184CD2	25C40 184CA	51.16
184CD1	25C40 184CE2	28.86	184CD1	25C40 184NE1	17.14
184CD1	25C40 184CE3	47.95	184CD1	25C40 1840	66.59
184CD1	25C40 184CA	38.47	184CE2	25C40 184NE1	17.07
184CE2	25C40 184CE3	30.61	184CE2	25C40 1840	84.89
184CE2	25C40 184CA	61.54	184NE1	25C40 184CE3	45.35
184NE1	25C40 1840	82.69	184NE1	25C40 184CA	55.30
184CE3	25C40 1840	71.49	184CE3	25C40 184CA	60.55
1840	25C40 184CA	28.85	184CD1	25C41 184CG	21.77
184CD1	25C41 184NE1	21.97	184CD1	25C41 184CD2	35.07
184CD1	25C41 184CE2	34.98	184CD1	25C41 184CB	36.36
184CD1	25C41 184CE3	51.22	184CD1	25C41 184CZ2	50.86
184CD1	25C41 184CA	37.30	184CG	25C41 184NE1	35.87
184CG	25C41 184CD2	21.86	184CG	25C41 184CE2	35.60
184CG	25C41 184CB	19.28	184CG	25C41 184CE3	34.71
	25C41 184CZ2				
184NE1	25C41 184CD2	34.95	184NE1	25C41 184CE2	20.95
184NE1	25C41 184CB	54.49	184NE1	25C41 184CE3	50.02
184NE1	25C41 184CZ2	33.28	184NE1	25C41 184CA	58.90
184CD2	25C41 184CE2	21.45	184CD2	25C41 184CB	36.52
184CD2	25C41 184CE3	16.39	184CD2	25C41 184CZ2	32.78
	25C41 184CA				
	25C41 184CE3				
	25C41 184CA				
	25C41 184CZ2				
	25C41 184CZ2				

25SG 25042 25N 73.56 25SG 25042 25SG 25042 24C 84.78 25SG 25042 25C 44.83 25SG 25042 25SG 25042 26CD1 74.03 25SG 25042 25CB 25042 19NE2 81.36 25CB 25042 26CB 25042 25CB 25042 25CB 25042 26CB 25042 25CB 25042 26CB 25042 25CB 25042 26CB 25042 25CB 25CB 25042 25CB 25CB 25CB 25CB 25CB 25CB 25CB 25C		
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25SG 25042 25C 44.83 25SG 25042 25SG 25042 162ND1 49.49 25SG 25042 1 25SG 25042 162ND1 49.49 25SG 25042 1 25SG 25042 26CD1 74.03 25CB 25042 26CB 25042 26CB 25042 26CB 25042 26CB 25042 25CB 25042 26CB 25042 25CB 25CB 25042 25CB 25CB 25042 25CB 25CB 25CB 25CB 25CB 25CB 25CB 25C	25CA 53.5	9
25SG 25042 162ND1 49.49 25SG 25042 1 25SG 25042 26CD1 74.03 25CB 25042 25CB 25042 19NE2 81.36 25CB 25042 25CB 25042 25CA 25.75 25CB 25042 25CB 25042 24CA 84.14 25CB 25042 25CB 25042 19OE1 53.70 25CB 25042 25CB 25042 162CE1 39.19 25CB 25042 25N 25042 23C 70.38 25N 25042 25N 25042 25CA 23.79 25N 25042 25N 25042 24C 13.37 25N 25042 25N 25042 25C 80.77 25N 25042 25N 25042 23N 36.19 25N 25042 23C 25042 23N 36.19 25N 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24CA 35.64 25CA 25CA 25CA 25CA 25CA 25CA 25CA 25CA	190E1 88.6	3
25SG 25O42 26CD1 74.03 25CB 25O42 25CB 25O42 19NE2 81.36 25CB 25O42 24CA 84.14 25CB 25O42 25CB 25O42 19OE1 53.70 25CB 25O42 25CB 25O42 19OE1 53.70 25CB 25O42 19CD 14.86 19NE2 25O42 19NE2 25CB 25O42 19OE1 53.70 25CB 25O42 19CD 14.86 19NE2 25O42 19NE2 25O42 25CB 25O42 19NE2 25O42 25CB 25O42 19NE2 25CB 25O42 19CD 67.53 25CB 25O42 19CD 67.53 25CB 25O42 19CD 25CB 25CB 25O42 19CD 25CB 25CB 25O42 19CD 25CB 25CB 25CB 25CB 25CB 25CB 25CB 25CB	26N 45.6	0
25CB 25O42 19NE2 81.36 25CB 25O42 25CB 25O42 25CA 25.75 25CB 25O42 25CA 25.75 25CB 25O42 25CB 25O42 24CA 84.14 25CB 25O42 25CB 25O42 19OE1 53.70 25CB 25O42 19OE1 53.70 25CB 25O42 19OE1 25CB 25O42 19OE2 25CB 25O42 25CB 25O42 19OE2 25CB 25O42 25CB 25CB 25O42 25CB 25CB 25CB 25CB 25CB 25CB 25CB 25C	62CE1 54.5	1
25CB 25O42 25CA 25.75 25CB 25O42 25CB 25O42 24CA 84.14 25CB 25O42 25CB 25O42 24CA 84.14 25CB 25O42 25CB 25O42 19OE1 53.70 25CB 25O42 125CB 25O42 162CE1 39.19 25CB 25O42 125CB 25O42 162CE1 39.19 25CB 25O42 125N 25O42 19NE2 73.90 25N 25O42 25N 25O42 25CA 23.79 25N 25O42 24C 13.37 25N 25O42 24C 13.37 25N 25O42 25N 25O42 26N 36.19 25N 25O42 25N 25O42 24N 25N 25O42 24C 25N 25O42 23C 25N 25O42 24N 23.31 23C 25O42 24C 23C 25O42 25N 25O42 25N 25O42 25N 25O42 26N 36.19 25N 25O42 25N 25O42 26N 36.19 25N 25O42 25N 25O42 26N 36.19 25N 25O42 26N 25N 25O42 26N 36.19 25N 25O42 26N 25N 25O42 26N	25N 49.3	9
25CB 25042 24CA 84.14 25CB 25042 25CB 25O42 19OE1 53.70 25CB 25O42 25CB 25O42 19OE1 53.70 25CB 25O42 125CB 25O42 162CE1 39.19 25CB 25O42 125CB 25O42 162CE1 39.19 25CB 25O42 125N 25O42 23C 70.38 25N 25O42 25N 25O42 25CA 23.79 25N 25O42 25N 25O42 24C 13.37 25N 25O42 25N 25O42 24C 13.37 25N 25O42 25N 25O42 26N 36.19 25N 25O42 25N 25O42 26N 36.19 25N 25O42 25N 25O42 23N 91.99 25N 25O42 25N 25O42 23N 91.99 25N 25O42 25N 25O42 23N 91.99 25N 25O42 22SN 25O42 23CA 23.7.54 23C 25O42 24C 23CA 23.7.54 23C 25O42 23CA 23CA 23CA 25O42 24CA 35.64 23C 25O42 23CA 25O42 24CA 35.64 23CA 25O42 24CA 35.64 35.64 23CA 25O42 24CA 35.64 36.84 36C 25O42 23CA 25O42 24CA 35.64 36.84 36C 25O42 24CA 35.64 36.84 36C 25O42 24CA 35.64 36.84 36C 25O42 24CA 35.64 36.84 36CA 25O42 24CA 35.64 36CA	24N 99.2	1
25CB 25O42 19OE1 53.70 25CB 25O42 25CB 25CB 25O42 19OE1 53.70 25CB 25O42 11 25CB 25O42 26N 46.47 25CB 25O42 11 25CB 25O42 162CE1 39.19 25CB 25O42 12 25N 25O42 23C 70.38 25N 25O42 25N 25O42 25N 25O42 25CA 23.79 25N 25O42 25CA 23.79 25N 25O42 25CA 23.79 25N 25O42 25CA 25N 25O42 24C 13.37 25N 25O42 25N 25O42 24C 13.37 25N 25O42 25N 25O42 26N 36.19 25N 25O42 26N 36.19 25N 25O42 26N 36.19 25N 25O42 25N 25O42 23N 91.99 25N 25O42 25N 25O42 23CA 23CA 23CA 23CA 23CA 23CA 23CA 23C	24C 62.7	6
25CB 25042 26N 46.47 25CB 25042 1 25CB 25042 162CE1 39.19 25CB 25042 1 25N 25042 23C 70.38 25N 25042 2 25N 25042 19NE2 73.90 25N 25042 2 25N 25042 25CA 23.79 25N 25042 2 25N 25042 24C 13.37 25N 25042 2 25N 25042 19CD 67.53 25N 25042 2 25N 25042 26N 36.19 25N 25042 1 25N 25042 23N 91.99 25N 25042 2 25N 25042 23N 91.99 25N 25042 2 25N 25042 162CE1 84.41 25N 25042 2 23C 25042 23CA 27.54 23C 25042 2 23C 25042 24C 35.64 23C 25042 2 23C 25042 24C 35.64 23C 25042 2 23C 25042 24C 35.64 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2	19CD 66.8	6
25CB 25042 162CE1 39.19 25CB 25042 25N 25042 23C 25042 24C 81.51 23CA 25042 23C 25CA 23.79 25N 25042 23CA 25CA 23.79 25N 25042 25N 25042 24C 25N 25042 24C 25N 25042 25N 25042 25N 25042 26N 36.19 25N 25042 25N 25042 26N 36.19 25N 25042 26N 36.19 25N 25042 26N 25N 25042 23N 91.99 25N 25042 25N 25042 23C 25O42 23CA 25O42 24C 35.64 23C 25O42 24C 23C 25O42 24C 25C 25CA 25CA 25O42 25CA 25CA 25O42 25CA 25CA 25O42 25CA 25CA 25CA 25CA 25CA 25CA 25CA 25C	25C 31.7	1
25N 25042 23C 70.38 25N 25042 25N 25042 23C 25042 24C 33.79 25N 25042 25CA 23.79 25N 25042 25N 25042 24C 13.37 25N 25042 25N 25042 24C 13.37 25N 25042 25N 25042 24C 33.37 25N 25042 25N 25042 24C 35.77 25N 25042 25N 25042 24C 36.19 25N 25042 26N 36.19 25N 25042 25N 25042 23N 91.99 25N 25042 25N 25042 24C 33.31 23C 25042 24C 23C 25042 24C 23C 25042 24C 23C 25042 24C 23C 25042 25C 25042	62ND1 47.2	9
25N 25042 19NE2 73.90 25N 25042 25N 25042 25CA 23.79 25N 25042 25CA 23.79 25N 25042 25N 25042 24C 13.37 25N 25042 25N 25042 19CD 67.53 25N 25042 25N 25042 22O 80.77 25N 25042 16 25N 25042 26N 36.19 25N 25042 16 25N 25042 23N 91.99 25N 25042 25N 25042 16 26E 84.41 25N 25042 23C 25N 25042 24N 23.31 23C 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24CA 35.64 23C 25042 23C 25042 24CA 35.64 23C 25042 23C 25042 25C 25	26CD1 82.7	9
25N 25042 25CA 23.79 25N 25042 25N 25042 24C 13.37 25N 25042 25N 25042 19CD 67.53 25N 25042 25N 25042 22O 80.77 25N 25042 25N 25042 26N 36.19 25N 25042 162 25N 25042 23N 91.99 25N 25042 25N 25042 162 25N 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24C 35.64 23C 25042 23C 25042 25C 25	23CA 94.5	3
25N 25042 24C 13.37 25N 25042 25N 25042 19CD 67.53 25N 25042 25N 25042 22O 80.77 25N 25042 19CD 25N 25042 26N 36.19 25N 25042 19CD 25N 25042 23N 91.99 25N 25042 23C 25042 24CA 35.64 23C 25042 24C 81.51 23CA 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24N 23.36 23C 25042 24N 23C 25042 25C 23C 25042 24CA 35.64 23C 25042 25C 23C 25042 25C 23C 25042 25C 23C 25042 25C 25C 25C 25C 25C 25C 25C 25C 25C 25	24N 51.1	6
25N 25042 19CD 67.53 25N 25042 25N 25042 22O 80.77 25N 25042 1025N 25042 26N 36.19 25N 25042 1025N 25042 23N 91.99 25N 25042 25N 25042 162CE1 84.41 25N 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24N 23.31 23C 25042 23C 25042 24CA 35.64 23C 25042 23C 25042 25C 25C 93.36 23C 25042 25C 25C 25C 25C 25C 25C 25C 25C 25C 25	230 72.1	8
25N 25042 220 80.77 25N 25042 1025N 25042 26N 36.19 25N 25042 1025N 25042 23N 91.99 25N 25042 1025N 25	24CA 34.7	8
25N 25042 26N 36.19 25N 25042 16 25N 25042 23N 91.99 25N 25042 2 25N 25042 162CE1 84.41 25N 25042 2 23C 25042 23CA 27.54 23C 25042 2 23C 25042 24N 23.31 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 22O 49.02 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23C 25042 24N 43.40 23CA 25042 2 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 2	190E1 67.9	9
25N 25042 23N 91.99 25N 25042 25N 25042 162CE1 84.41 25N 25042 262CE1 23CE 25042 23CE 25042 23CE 25042 24N 23.31 23C 25042 23CE 25042 24CE 35.64 23C 25042 26CE 23CE 25042 25CE 25CE 25CE 25CE 25CE 25CE 25CE 25C	25C 28.8	8
25N 25042 162CE1 84.41 25N 25042 2 23C 25042 23CA 27.54 23C 25042 2 23C 25042 24N 23.31 23C 25042 2 23C 25042 23O 20.23 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 22O 49.02 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 23N 31.08 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23C 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 23OOH2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 23CA 25042 24C 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 2	62ND1 95.8	2
23C 25042 23CA 27.54 23C 25042 2 23C 25042 24N 23.31 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 22O 49.02 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 23N 31.08 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23C 25042 26CD1 57.51 23CA 25042 2 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 23OOH2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 23CA 25042 24C 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 2	22C 85.7	2
23C 25042 24N 23.31 23C 25042 2 23C 25042 23O 20.23 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 22O 49.02 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 24C 85.51 23CA 25042 2 23CA 25042 24C 85.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 19CD 14.86 19NE2 25042 2	26CD1 52.1:	1
23C 25042 23O 20.23 23C 25042 2 23C 25042 24CA 35.64 23C 25042 2 23C 25042 22O 49.02 23C 25042 2 23C 25042 25C 93.36 23C 25042 2 23C 25042 23N 31.08 23C 25042 2 23C 25042 24N 31.08 23C 25042 2 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 22C 81.51 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 23CA 25042 24C 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 19CD 14.86 19NE2 25042 1	19NE2 81.7	5
23C 25042 24CA 35.64 23C 25042 1 23C 25042 220 49.02 23C 25042 23 23C 25042 25C 93.36 23C 25042 2 23C 25042 23N 31.08 23C 25042 2 23C 25042 26CD1 57.51 23CA 25042 1 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 19CD 14.86 19NE2 25042 1	25CA 94.12	2
23C 25042 220 49.02 23C 25042 23C 25042 23C 25042 25C 93.36 23C 25042 25C 23C 25042 23C 25042 23C 25042 23C 25042 23C 25042 24C 23CA 25042 24C 81.51 23CA 25042 24C 23CA 25042 19CD 89.50 23CA 25042 24C 23CA 25042 23CA 25042 24C 23CA 25042 23CA 25042 24C 23CA 25042 24C 23CA 25042 24C 23CA 25042 25CA 25042 24C 25CA 25CA 25042 25CA 25CA 25CA 25CA 25CA 25CA 25CA 25C	24C 57.03	1
23C 25042 25C 93.36 23C 25042 2 23C 25042 23N 31.08 23C 25042 2 23C 25042 26CD1 57.51 23CA 25042 1 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 19CD 14.86 19NE2 25042 2	19CD 92.20	0
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23C 25042 26CD1 57.51 23CA 25042 1 23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 22O 36.84 19NE2 25042 23	26 <b>n</b> 86.51	1
23CA 25042 24N 43.40 23CA 25042 2 23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 22O 36.84 19NE2 25042 23	22C 39.18	8
23CA 25042 24C 81.51 23CA 25042 2 23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 22O 36.84 19NE2 25042 23	19NE2 75.36	6
23CA 25042 19CD 89.50 23CA 25042 2 23CA 25042 2300H2 46.00 23CA 25042 2 23CA 25042 22C 25.11 23CA 25042 2 19NE2 25042 24N 65.75 19NE2 25042 2 19NE2 25042 24C 73.53 19NE2 25042 2 19NE2 25042 19CD 14.86 19NE2 25042 1 19NE2 25042 220 36.84 19NE2 25042 23	230 40.93	3
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19NE2 25042 220 36.84 19NE2 25042 23	24CA 73.72	5
상대 사용하는 경찰을 받는 그 사이 나는 그 말은 그 때에 하게 되었다. 하나 나는		
발표수준(FC) 전략을 받고 있는데 보고 있는데 그리고 한 14명을 제공화로 하는데	00Н2 94.24	1
	新热 化二十字	
<b>6.59</b>		

		TAI	BLE XVII		
19NE2	25042 25C	94.02	19NE2	25042 162NE	1 84.58
19NE2	25042 23N	65.76	19NE2	25042 22C	50.27
19NE2	25042 162CE1	71.88	24N	25042 25CA	74.59
24N	25042 230	38.03	24N	25042 24C	38.35
24N	25042 24CA	18.53	24N	25042 19CD	ji de Miljone Aktorio
24N	25042 190E1	86.24	24N	25042 220	42.70
24N	25042 2300H2	89.40	24N	25042 25C	78.15
24N	25042 26N	76.91	24N	25042 23N	41.41
24N	25042 22C	39.81	24N	25042 26CD	
25CA	25042 230	93.85	25CA	25042 24C	37.14
25CA	25042 24CA	58.56	25CA	25042 19CD	66.70
25CA	25042 190E1	60.00	25CA	25042 220	97.56
25CA	25042 25C	16.18	25CA	25042 26N	32.48
25CA	25042 162ND1	72.81	25CA	25042 162CE	1 62.96
25CA	25042 26CD1	63.86	230	25042 24C	59.84
230	25042 24CA	41.50	230	25042 220	69.15
230	25042 2300н2	73.61	230	25042 25C	87.62
230	25042 26N	76.22	230	25042 23N	47.69
230	25042 22C	58.56	230	25042 26CD	1 41.93
24C	25042 24CA	21.42	24C	25042 19CD	70.59
24C	25042 190E1	74.79	24C	25042 220	72.25
24C	25042 25C	40.11	24C	25042 26N	42.88
24C	25042 23N	79.63	24C	25042 22C	75.07
24C	25042 162CE1	96.91	24C	25042 26CD	47.33
24CA	25042 19CD	76.47	24CA	25042 190E	85.89
24CA	25042 220	59.12	24CA	25042 25C	60.08
24CA	25042 26N	58.46	24CA	25042 23N	59.62
24CA	25042 22C	58.07	24CA	25042 26CD	46.49
19CD	25042 190E1	16.46	19CD	25042 220	50.92
19CD	25042 25C	82.87	19CD	25042 26N	98.50
	25042 162ND1				
	25042 22C				
	25042 220				
190E1	25042 26N	92.41	190E1	25042 162ND1	56.82
190E1	25042 23N	96.37	190E1	25042 22C	80.82
190E1	25042 162CE1	42.61	220	25042 2300н2	68.87
	25042 23N				
300H2	25042 23N	49.64	2300H2	25042 22C	59.44

	TABLE	XVII
25C 25042	26N 16.85 25	C 25042 162ND1 77.20
25C 25042 1	62CE1 70.85 25	C 25042 26CD1 51.53
80 4472 1 P. 60 194580460	62ND1 87.91 26	
	4077077 1 JANA RES MIN	
26N 25042	26CD1 36.52 162	ND1 25042 162CE1 15.10
23N 25042	22C 15.56 23	N 25042 26CD1 88.32
22C 25042	26CD1 95.66	

## TABLE XVIII

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone.

Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
2420H2	25C1	180D1	67.89	2420H2	25C1	18CG	56.00
2420H2	25C1	18ND2		2420H2	25C1	1840	81.97
2420H2	25C1	184C	88.17	2420H2		21NE2	62.78
2420H2	25C1	20N	79.06	180D1	25C1	184CD1	79.40
180D1	25C1	184CB	74.81	180D1	25C1	184CG	85.32
180D1	25C1	184CA	53.47	180D1	25C1	18CG	11.94
180D1	25C1	18ND2	28.26	180D1	25C1	184NE1	92.34
180D1	25C1	1840	58.92	180D1	25C1	184C	49.03
180D1	25C1	21NE2	93.14	180D1	25C1	20N	41.90
184CD1	25C1	184CB	38.10	184CD1	25C1	184CG	19.94
184CD1	25C1	184CA	42.92	184CD1	25C1	18CG	90.87
184CD1	25C1	184NE1	15.56	184CD1	25C1	1840	71.50
184CD1	25C1	184CD2	27.97	184CD1	25C1	184C	61.10
184CD1	25C1	20N	84.09	184CB	25C1	184CG	21.98
184CB	25C1	184CA	21.35	184CB	25C1	18CG	81.80
184CB	25C1	18ND2	96.18	184CB	25C1	184NE1	50.19
184CB	25C1	1840	36.35	184CB	25C1	184CD2	33.73
184CB	25C1	184C	32.01	184CG	25C1	184CA	36.19
184CG	25C1	18CG	95.04	184CG	25C1	184NE1	28.76
184CG	25C1	1840	58.26	184CG	25C1	184CD2	15.95
184CG	25C1	184C	51.91	184CA	25C1	18CG	60.97
184CA	25C1	18ND2	76.21	184CA	25C1	184NE1	58.19
184CA		1840	30.82	184CA	25C1	184CD2	51.40
184CA	25C1	184C	18.27	184CA	25C1	20N	84.75
18CG	25C1	18ND2	16.83	18CG	25C1	1840	59.45
18CG	25C1	184C	52.65	18CG	25C1	21NE2	87.86
18CG	25C1	20N	45.88	18ND2	25C1	1840	68.25
18ND2	25C1	184C	65.08	18ND2	25C1	21NE2	75.52
18ND2	25C1	20N	49.20	184NE1	25C1	1840	85.54
184NE1	25C1	184CD2	27.58	184NE1	25C1	184C	76.21
184NE1	25C1	20N	87.93	1840	25C1	184CD2	69.09
1840	25C1	184C	14.96	184CD2	25C1	184C	65.57
184C	25C1	20N	87.94	21NE2	25C1	20N	61.73
184CD1	25C2	184CG	20.80	184CD1	25C2	184NE1	19.39
184CD1	25C2	184CD2	32.31	184CD1	25C2	184CB	37.15

			-					
184CD1	2502	184CE2		BLE XVIII 184CD1		19001	<i>EC</i> (60	
184CD1	90.000000000000000000000000000000000000	184CA		<ul> <li>Nº 13 13 13 1</li> </ul>		180D1 184CE3	TOWNSHAME.	
184CG	25C2	1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A LONG TO SERVICE STREET			<ul> <li>1986, and \$15,000 (1.7) blue.</li> </ul>	
184CG	81 (81 44 (824 - 1884 1 1 1 1 1			the first section of	1 300 00	184CD2	. 1940/08/2008/1930/9.	
9-868 h. de 1980 1880 e 19		184CB		184CG	100000000000000000000000000000000000000	4. 627 SHEWIT.		
PARKET BY ALL ALCOHOLOGY	arra da Nobel de Carre	180D1	****	184CG	1		31.32	
184CG		184CE3	Caracia and a transfer of	184NE1	7 2 700		31.41	
184NE1	Arrest Marketine	184CB		184NE1		Palakan parting,		alerak internasi Mayaban kabbar
184NE1	en, in de geleen van 1	180D1	(4) Spr. 19. 1455 (19. 1)			ji ng kamakap, a ja wa	57.03	
29,000,000 and 11,000 and	No. 2 2 2 4 5 7	184CE3				184CB	36.72	
184CD2	.0000. 1.0000. 4			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		180D1	그 경우다면 선생 연극적으로	
184CD2	50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	184CA				10 To 128, 127 CARE 1	15.04	
184CB	141100000000	184CE2				2420H2	8 Paris 4 (1871) 1 4	
184CB	1.4 1.5 11 11 11 11	180D1				184CA	17.64	
184CB						180D1		
						184CE3		
9a (1627) Historia	*** : ** . * ***	180D1		1,345,431,134			79.74	
180D1	25C2	184CA	1000	184CA	25C2		58.53	
M. 5.09-68-8-010.	25C3	184CD1		2. 2	C.W. 3 - 37		18.79	
184NE1	25C3		the first term and the first		the state of the state of	184CD2	29.94	
184NE1	M M 医 1990 人名	184CZ2				184CE2	1 1 2 2 1 1 20 50 1 5 1 5 1 1	
		2 1 2 2 2		Care 1 27 55 344 7		184CD2	29.94	
184CD1		200		the forest and district and the second	The second second	<ul> <li>4 V A ±6 V LSU ± 4</li> </ul>	46.78	
184CE2	All	184CG		- N - 18 - 31,011 1 - 11	25C3	184CD2	18.34	
184CE2	2 (1997) A	184CZ2	and the second of the second	184CG	25C3	184CD2	18.68	
184CG	and the same of th	184CZ2	46.08	184CD2	25C3	184CZ2	30.03	
200	25C3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	47.07	1	25C4	19CG	63.08	
200	25C4	20C	13.93	200	25C4	21NE2	58.24	
200	25C4	20N	38.94	200	25C4	19CD	73.49	
200	25C4	20CA	29.58	200	25C4		64.57	
Charles Co., The control of the	25C4			200	25C4	21CD	55.60	
200	25C4	19NE2	66.42	200	25C4	21N	18.83	
19CG	25C4	20C	69.89	19CG	25C4	184CD1	59.97	
19CG	25C4	184NE1	63.38	19CG	25C4	20N	48.04	
19CG	25C4	19CD	19.27	19CG	25C4	20CA	64.22	
19CG	25C4	184CG	73.51	19CG	25C4	180D1	63.24	
19CG	25C4	184CE2	77.80	19CG	25C4	19NE2	28.95	
19CG	25C4	21N	80.44	20C	25C4	21NE2	47.51	
20C	25C4	20N	34.03	20C	25C4		83.36	
20C	25C4	20CA	19.08	20C	25C4	210E1	60.05	
20C	25C4	180D1	71.76		25C4		48.39	
20C	25C4	19NE2	78.43	20C	25C4		11.83	
184CD1	25C4	184NE1	19.36		25C4	20N	90.20	
184CD1	25C4	19CD	56.87	184CD1	25C4	184CG	14.62	
184CD1	25C4	180D1	63.59	184CD1	25C4		26.99	walle aller o

			TA	BLE XVIII			
184CD1	25C4	19NE2	70.60	184NE1	25C4	19CD	53.18
184NE1	25C4	184CG	27.61	184NE1	25C4	180D1	82.57
184NE1	25C4	184CE2	14.41	184NE1	25C4	19NE2	63.56
21NE2	25C4	20N	70.04	21NE2	25C4	20CA	52.20
21NE2	25C4	210E1	28.00	21NE2	25C4	180D1	83.21
21NE2	25C4	21CD	15.16	21NE2	25C4	21N	39.44
20N	25C4	19CD	66.67	20N	25C4	20CA	18.60
20N	25C4	210E1	91.11	20N	25C4	184CG	96.83
20N	25C4	180D1	41.94	20N	25C4	21CD	77.35
20N	25C4	19NE2	70.35	20N	25C4	21N	45.53
19CD	25C4	20CA	81.50	19CD	25C4	184CG	71.48
19CD	25C4	180D1	79.99	19CD	25C4	184CE2	66.85
19CD	25C4	19NE2	15.24	19CD	25C4	21N	92.20
20CA	25C4	210E1	72.56	20CA	25C4	180D1	52.69
20CA	25C4	21CD	58.76	20CA	25C4	19NE2	81.60
20CA	25C4	21N	28.99	210E1	25C4	21CD	14.61
210E1	25C4	21N	48.49	184CG	25C4	180D1	62.90
184CG	25C4	184CE2	27.32	184CG	25C4	19NE2	85.13
180D1	25C4	184CE2	89.23	180D1	25C4	21CD	97.26
180D1	25C4	19NE2	92.18	180D1	25C4	21N	80.98
184CE2	25C4	19NE2	75.84	21CD	25C4	21N	37.64
19NE2	25C4	21N	85.10	200	25C5	20N	55.48
200	25C5	20C	21.07	200	25C5	20CA	44.11
200	25C5	19CG	71.84	200	25C5	21NE2	66.85
200	25C5	19C	51.82	200	25C5	21N	24.93
200	25C5	19CD	75.35	200	25C5	19N	84.18
200	25C5	19CA	67.21	200	25C5	19CB	67.59
200	25C5	21CD	58.45	200	25C5	190	39.96
200	25C5	210E1	62.69	20N	25C5	20C	45.30
20N	25C5	20CA	25.13	20N	25C5	180D1	58.18
20N	25C5	19CG	59.77	20N	25C5	21NE2	88.80
20N	25C5	19C	15.04	20N	25C5	21N	55.27
	25C5		88.85	20N	25C5	18CG	53.24
20N	25C5	19CD	75.42	20N	25C5	19N	36.29
20N	25C5	19CA	29.03	20N	25C5	19CB	45.65
20N	25C5	21CD	91.99	20N	25C5	18ND2	55.37
20N	25C5	190	20.80	20N	25C5	1830	72.28
20C	25C5	20CA	26.08	20C	25C5	180D1	98.89
20C	25C5	and the second s	82.87	20C	25C5	21NE2	55.09
20C	25C5	19C	48.39	20C	25C5	21N	11.08
20C	25C5	2420H2	97.88	20C	25C5	18CG	90.40
20C	25C5	19CD	90.83	20C	25C5	19N	80.24
20C	25C5	19CA	66.78	20C	25C5	19CB	74.20
20C	25C5	21CD	51.59	20C	25C5	18ND2	83.45

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TABLE XVIII								
20C	25C5	190	38.43		25C5	210E1	61.08	
20CA	25C5		72.87		25C5		80.41	
20CA	25C5	7 7 7	63.95		25C5	19C	35.76	
20CA	25C5	- Table 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	33.35	No. of the second	25C5	1. 1. 3. 323 981	81.51	
20CA	25C5		64.36			ar Natio Week Color (1996), 1996 and 1	93.94	
20CA	25C5		61.13		25C5	19CA	53.26	
20CA		19CB	67.53	20CA	25C5	* 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1	66.97	
20CA	25C5		58.72	20CA	25C5	190	32.23	
20CA	25C5	1830	97.26		25C5	210E1	79.78	
180D1	100		80.27		a Section with the trip	19C	65.37	
180D1	25C5	184CD1	74.17		. Add 18 (18 11)	148 m. 1 M. M. 200 m.	54.74	
180D1		18CG	10.85	1		. BAT NAKAN PROBESTA	93.30	
180D1	25C5	184NE1	90.85		25C5	19N	40.79	
180D1	25C5	19CA	57.69		25C5		70.95	
X	25C5	18ND2	26.15			190	76.52	
180D1	25C5	184CG	70.18		20 July 20 Jul	1830	49.64	
19CG	25C5	19C	45.54	19CG	25C5	184CD1	61.26	
19CG	25C5		92.85		25C5	18CG	85.81	
19CG	25C5		16.55	19CG	25C5	gi kana kanabir katikatik	60.42	
19CG	25C5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	42.09	19CG	25C5	19CA	32.92	
19CG		19CB	14.39	19CG	25C5	18ND2	99.14	
19CG	25C5	190	48.69	19CG	25C5	184CG	74.77	
19CG	25C5		42.29	21NE2	25C5	19C	99.03	
21NE2	25C5	21N	44.87	21NE2	25C5	2420H2	63.97	
21NE2	25C5	18CG	97.62	21NE2	25C5		14.03	
21NE2	25C5		81.87	21NE2	25C5	190	91.86	
21NE2	25C5	210E1	25.97		25C5	24 W. 17 P. 19 C. 1	99.04	
19C	25C5	21N	59.38	19C	25C5		62.98	
19C	25C5	The second second second	60.71	19C	25C5	19N	32.80	
19C	25C5	19CA	18.65	19C	25C5	19CB	31.95	
19C	25C5	21CD	99.25	19C	25C5	18ND2	68.17	
19C	25C5		11.87		4 1 2 2	2. 377	65.75	
184CD1	25C5		and the state of the	184CD1			55.30	
184CD1		184NE1		184CD1			71.72	
184CD1	25C5	19CA	80.51			1 3 6 12% Set 11 1 6	70.19	
184CD1	25C5	18ND2		184CD1	25C5		14.35	
184CD1			35.61		25C5		94.26	
21N	25C5	18CG	95.93		25C5	19CD	99.24	
21N	25C5	19N	90.87			19CA	77.83	
	25C5	19CB	84.96	21N	25C5		40.54	
21N	25C5	18ND2	86.56	21N	25C5		49.51	
21N	25C5	210E1	50.14		25C5		48.98	
2420H2		19N	93.10	2420H2	• •	21CD	77.70	
2420H2	25C5		37.02	2420H2	25C5	184CG	92.59	
					, <del>-</del>		JJ	

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			7EA.	BLE XVIII			
2420H2	25C5	210E1		18CG	25C5	19N	44.21
18CG	25C5	19CA	59.10	18CG	25C5		74.72
18CG	25C5	18ND2		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	25C5	190	73.12
18CG	25C5	184CG	80.57		25C5		59.45
19CD	25C5	184NE1	1978年6月2日 - 1988年5月4日 - 1	- 1 - M. G.F	25C5	19N	57.74
19CD	25C5	19CA	49.44	19CD	25C5	T. 1988 T. C. 1887	30.83
19CD	25C5	190	61.72	19CD	25C5	三人姓氏 化氯酚 医电流管的	69.64
19CD	25C5	1830	48.36	184NE1	25C5	19N	82.36
184NE1	25C5	19CA	86.84	**	19 (19 )	19CB	72.47
184NE1	25C5	184CG	26.82	184NE1	25C5	1830	47.92
19N	25C5	19CA	18.06	19N	25C5		30.56
19N	25C5	18ND2	57.06	19N	25C5		44.42
19N	25C5	184CG	78.07	19N	25C5	1830	36.14
19CA	25C5	19CB	18.64	19CA	25C5		69.26
19CA	25C5	190	28.69	19CA	25C5		89.98
19CA	25C5	1830	47.24	19CB	25C5	18ND2	86.66
19CB	25C5	190	37.11	19CB	25C5	184CG	82.34
19CB	25C5	1830	43.36	21CD	25C5	18ND2	94.92
21CD	25C5	190	90.00	21CD	25C5	210E1	14.31
18ND2	25C5	190	76.17	18ND2	25C5	184CG	92.52
18ND2	25C5	1830	75.40	190	25C5	1830	75.72
190	25C5	210E1	98.98	184CG	25C5	1830	42.87
180D1	25C6	2420H2	77.61	180D1	25C6	20N	62.12
180D1	25C6	18CG	14.65	180D1	25C6	18ND2	34.76
180D1	25C6	20CA	76.78	180D1	化甲烷基甲烷 医酚乳乳毒素	184CD1	84.66
180D1	25C6	20C	97.24	180D1	25C6	19CG	77.43
180D1	25C6	184CA	51.93		- W. YSS:		83.75
180D1	25C6	184CB	70.76	180D1			38.61
180D1	25C6	19C	62.85		Class Co. Co.	A 17 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	51.93
180D1	25C6	2440H2	87.25	180D1		At the second second	97.99
2420H2	25C6	18CG	65.17			18ND2	48.30
	25C6	20CA	92.93	2420H2	25C6		71.65
2420H2	25C6	184CA	99.99	2420H2	25C6	2440H2	54.20
20N	25C6	18CG	61.40	20N	25C6		64.85
20N	25C6	20CA	22.20	20N	25C6	200	43.67
20N	25C6	20C	36.81	20N	25C6	21NE2	80.01
20N	25C6	19CG	49.35	20N	25C6		37.08
20N	25C6	19C	10.50	20N	25C6		71.86
20N	25C6	2440H2	62.38	18CG	25C6	18ND2	20.14
18CG	25C6	20CA	71.10	18CG	25C6	184CD1	99.10
	25C6	20C	92.50	18CG		19CG	87.70
	25C6	184CA	64.20	18CG	25C6	184CG	96.81
		184CB	82.01	18CG	25C6	19N	47.68
18CG	25C6	19C	65.05	18CG	25C6	1830	66.43

PCT/US96/17512

				DI E TELEFOR			
18CG	2506	2440H2	73.82	BLE XVIII 18ND2	25C6	20CA	66.38
18ND2	25C6	20C	86.96		25C6		91.35
18ND2		12 4 77 888 8800	81.21				96.97
18ND2			63.62	A 2001 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C6		71.84
18ND2	25C6		86.52	18ND2	25C6	The second of the second	
20CA	25C6	404-60-8890000000	36.02	20CA	25C6		56.34
20CA	25C6	TWINE TIS BUILDING WAR	58.02	20CA	25C6		21.45
20CA 20CA	25C6	a na an an gagaraga kanagara	58.93	20CA	25C6	1861 Block Block Block	66.36
20CA	25C6	UNIX 1800 BY 30 PM	94.02	20CA	*	2440H2	31.05 42.94
20CA	25C6	THE PROPERTY OF STREET	17.19	200A	- Co	21NE2	55.96
200	25C6	19CG	53.96		25C6		73.45
200	25C6		43.47	200	25C6		95.13
200	25C6	i makan mengan men	65.82	200	25C6		94.22
184CD1	. 10.5	<ol> <li>Zunit, Philipping</li> </ol>	55.80	184CD1		The second secon	40.42
184CD1	25C6	4 7 TO 1 1900 ASSAS	17.20	184CD1			33.57
184CD1	1 6 A A 6	19N	72.31	184CD1		5 A - 24 BOUSE 200 + 1	91.74
184CD1		1830	36.78	184CD1	·		14.58
20C	25C6		47.89	20C	25C6		64.56
20C	25C6		72.48	20C	25C6		41.10
20C	25C6		49.53				87.32
21NE2		1. 1611 194 (1994)(1994)(1994)	35.45		25C6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	76.21
19CG		184CG	72.47	24-44 TO TO THE ALIGNOST A	25C6	Brown Virth Branch of the	83.57
19CG	25C6		40.03		25C6	19C	38.92
19CG	25C6	14. (taas) 429 - 80.0	42.08		25C6		53.94
184CA	25C6		Sec. 3 19. 2. 3	184CA	4.00	184CB	19.38
184CA	25C6	19N	63.55		25C6		94.44
184CA	25C6	1830	34.70	184CA	25C6	184NE1	54.88
184CG	25C6	184CB	18.90	184CG	25C6	19N	82.27
184CG	25C6	1830	45.36	184CG	25C6	184NE1	27.16
184CB	25C6	19N	80.80	184CB	25C6	1830	46.93
184CB	25C6	184NE1	45.74	19N	25C6	19C	31.43
19N	25C6	1830	36.92	19N	25C6	2440H2	93.07
19N	25C6	184NE1	79.67	19C	25C6	1830	63.42
19C	25C6	2440H2	72.61	19C	25C6	184NE1	92.57
1830	25C6	184NE1	47.52	200	25C7	19CG	66.72
200	25C7	20C	8.16	200	25C7	19CD	83.83
200		19NE2	82.44	200	25C7	220	56.54
200	25C7	22N	36.30	200	25C7		31.83
200		190E1	95.92	200	25C7		66.65
200		21N	17.17	198.130	25C7	20N	30.97
200	25C7		51.64		25C7		19.21
19CG	25C7	20C	71.45	19CG	25C7		21.67
19CG	25C7	19NE2	34.92		25C7		55.96
19CG	25C7	184NE1	60.44	19CG	25C7	22N	79.46
				: .:			in the
			:	667	•		. 3:
				DOT	• .		

	TABLE XVIII									
19CG	25C7	21CA	96.64	19CG	25C7	190E1	30.14			
19CG	25C7	21N	83.86	19CG	25C7	184CD1	53.93			
19CG	25C7	20N	45.16	19CG	25C7	20CA	61.57			
20C	25C7	19CD	89.91	20C	25C7	19NE2	89.95			
20C	25C7	220	64.63	20C	25C7	22N	42.08			
20C	25C7	21CA	30.95	20C	25C7	210E1	60.76			
20C	25C7	21N	13.74	20C	25C7	20N	31.22			
20C	25C7	21NE2	43.84	20C	25C7	20CA	15.80			
19CD	25C7	19NE2	18.60	19CD	25C7	220	53.43			
19CD	25C7	184NE1	53.45	19CD	25C7	22N	85.40			
19CD	25C7	190E1	13.55	19CD	25C7	184CD1	54.25			
19CD	25C7	20N	66.44	19CD	25C7	20CA	82.18			
19NE2	25C7	220	38.61	19NE2	25C7	184NE1	67.89			
19NE2	25C7	22N	73.27	19NE2	25C7	190E1	28.20			
19NE2	25C7	21N	97.49	19NE2	25C7	184CD1	71.68			
19NE2	25C7	20N	74.18	19NE2	25C7	20CA	86.96			
220	25C7	22N	35.17	220	25C7	21CA	64.61			
220	25C7	190E1	65.85	220	25C7	21N	66.20			
220	25C7	20N	67.78	220	25C7	20CA	70.65			
184NE1	25C7	190E1	40.45	184NE1	25C7	184CD1	16.51			
184NE1	25C7	20N	91.81	22N	25C7	21CA	29.87			
22N	25C7	190E1	98.77	22N	25C7	210E1	70.75			
22N	25C7	21N	36.58	22N	25C7	20N	63.54			
22N	25C7	21NE2	72.49	22N	25C7	20CA	55.44			
21CA	25C7	210E1	42.69	21CA	25C7	21N	17.64			
21CA	25C7	20N	61.95	21CA	25C7	21NE2	43.40			
21CA	25C7	20CA	46.53	190E1	25C7	184CD1	43.68			
190E1	25C7	20N	74.85	190E1	25C7	20CA	91.61			
210E1	25C7	21N	49.78	210E1	25C7	20N	86.97			
210E1	25C7	21NE2	27.10	210E1	25C7	20CA	70.13			
21N	25C7	20N	44.95	21N	25C7	21NE2	38.79			
21N	25C7		28.96	184CD1	25C7	20N	77.27			
A. M. G. March, Phys. Lett. 19, 120 (1997).	25C7	20CA	92.17	20N	25C7	21NE2	62.89			
20N			17.26	21NE2	25C7	20CA	47.61			
	2508	184NE1	98.56	200	2508	19NE2	64.94			
200	2508	19CD	64.80	200	2508	19CG	49.58			
200	2508	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	86.05	200	2508	190E1	77.25			
	A	19NE2	65.95		2508	19CD	51.39			
	2508		55.21		2508		15.43			
	2508	A	14.81				39.31			
19NE2	100 100 100 100 100 100 100 100 100 100		16.73		2508	19CG	29.82			
	2508	and the first of the control of	79.52	***	2508	184CD1	66.86			
	2508		26.64	19CD	2508	19CG	18.32			
19CD	2508	184CE2	66.04	19CD	2508	184CD1	50.50			

				BLE XVIII		and the specific Antonio especificati	
19CD	2508	190E1	13.90		2508	184CE2	70.62
19CG	2508	184CD1	48.50		2508	190E1	28.11
184CE2	2508	184CD1	26.04			190E1	53.16
184CD1	2508	190E1	41.64	184NE1	25C9	19NE2	75.95
184NE1	25C9	19CD	58.34	184NE1		184CE2	18.51
184NE1	25C9	184CZ2	36.32	184NE1	25C9	190E1	46.11
184NE1	25C9	162CE1	47.88	184NE1	25C9	184CD1	13.15
184NE1	25C9	19CG	58.03	19NE2	25C9	19CD	18.37
19NE2	25C9	184CE2	93.09	19NE2	25C9	190E1	30.69
19NE2	25C9	162CE1	65.23	19NE2	25C9	184CD1	73.02
19NE2	25C9	19CG	30.00	19CD	25C9	184CE2	76.16
19CD	25C9	184CZ2	89.88	19CD	25C9	190E1	16.50
19CD	25C9	162CE1	58.87	19CD	25C9	184CD1	54.66
19CD	25C9	19CG	17.52	184CE2	25C9	184CZ2	19.20
184CE2	25C9	190E1	62.52	184CE2	25C9	162CE1	49.95
184CE2	25C9	184CD1	28.40	184CE2	25C9	19CG	76.51
184CZ2	25C9	190E1	74.32	184CZ2	25C9	162CE1	47.31
184CZ2	25C9	184CD1	47.47	184CZ2	25C9	19CG	93.64
190E1	25C9	162CE1	43.44	190E1	25C9	184CD1	46.14
190E1	25C9	19CG	29.61	162CE1	25C9	184CD1	58.96
162CE1	25C9	19CG	72.86	184CD1	25C9	19CG	50.05
184NE1	25010	184CE2	25.08	184NE1	25010	184CZ2	48.91
184NE1	25010	190E1	62.37	184NE1	25010	19CD	75.84
184NE1	25010	184CD1	15.34	184NE1	25010	162CE1	66.14
184NE1	25010	19NE2	95.76	184NE1	25010	162ND1	81.12
184NE1	25010	19CG	70.87	184NE1	25010	184CD2	22.23
184NE1	25010	162NE2	52.65	184NE1	25010	184CH2	53.72
184NE1	25010	184CG	14.63	184CE2	25010	184CZ2	25.03
184CE2	25010	190E1	84.37	184CE2	25010	184CD1	37.35
184CE2	25010	162CE1	66.88	184CE2	25010	162ND1	77.00
184CE2	25010	19CG		184CE2		184CD2	10.58
184CE2	25010	162NE2	51.22	184CE2	25010	184CH2	28.91
	25010	184CG	26.65			190E1	
184CZ2	25010	184CD1				162CE1	
184CZ2		162ND1	65.32	184CZ2	25010	184CD2	33.91
184CZ2	25010	162NE2	48.17	184CZ2	25010	184CH2	7.17
184CZ2	25010	184CG	51.50	190E1	25010	19CD	19.97
190E1	25010	184CD1	59.90	190E1	25010	162CE1	56.15
190E1	25010	19NE2	35.40	190E1	25010	162ND1	68.84
190E1			33.29	190E1			84.51
190E1	25010	162NE2	60.20	190E1	25010	184CG	72.32
19CD	25010	184CD1	68.82	19CD	25010	162CE1	74.19
	25010	19NE2	20.25				84.51
19CD	25010	19CG	19.19		25010		97.71

	* * *		TA	BLE XVIII			
19CD	25010	162NE2	79.91		25010	184CG	82.24
184CD1	25010	162CE1	78.10	184CD1	25010	and the state of t	89.03
184CD1	25010	162ND1	94.07	184CD1	25010	19CG	59.77
184CD1	25010	184CD2	30.63	184CD1	25010	162NE2	66.09
184CD1	25010	184CH2	66.12	184CD1	25010	184CG	13.45
162CE1	25010	19NE2	78.81	162CE1	25010	162ND1	16.74
162CE1	25010	19CG	89.36	162CE1	25010	184CD2	75.74
162CE1	25010	162NE2	15.66	162CE1	25010	184CH2	68.07
162CE1	25010	184CG	80.42	19NE2	25010	162ND1	83.89
19NE2	25010		33.67	19NE2	25010	162NE2	89.03
162ND1		184CD2	86.96	dia yentasi ili	25010	162NE2	28.50
162ND1		184CH2	70.03	162ND1	25010	184CG	94.80
19CG		184CD2	90.39	19CG	25010	162NE2	91.46
19CG	25010	CARD IN MININE	72.81	184CD2	25010	162NE2	60.21
184CD2		184CH2	36.32	184CD2	25010	184CG	18.11
162NE2	a season was seen in a	184CH2	54.84	162NE2	25010	184CG	66.33
184CH2	25010		54.39	162ND1	25C11	162CE1	18.33
162ND1		184CZ2	57.54	162ND1	25C11	19NE2	74.67
162ND1	25C11	<ul> <li>** ** ** ** ** ** ** ** ** ** ** ** **</li></ul>	12.31	162CE1		184CZ2	47.54
162CE1		19NE2	62.12	162CE1	25C11		26.24
184CZ2	25C11	19NE2	86.59	184CZ2		162CG	53.23
19NE2	25C11		86.37	162ND1	25C12	4 Com 18 mil 18 m	52.69
1610D1		162ND1	77.53	1610D1	100	161CG	13.50
1610D1	25C13	THE PARTY OF THE PARTY OF	49.60	1610D1		162CB	47.00
1610D1	•	162CG	64.44		25C13		63.21
162ND1	25C13	4.00	86.85	162ND1	25C13		55.29
162ND1	- P. P. (1) - 4(1)	184CZ2	52.94	162ND1	25C13	Applied Action	31.13
162ND1		162CG	16.56	162ND1	25C13		91.79
161CG	25C13		48.18	161CG	Cont.	162CB	57.82
161CG	25C13		75.53	161CG	25C13		72.06
1610	25C13	A 2018 11 11 11 11 11 11 11	45.12	1610		162CG	55.63
				184CZ2		100	52.88
184CZ2			65.96	162CB	25C13	162CG	17.71
161001	25014	1370	13.09	162CG	25C13	1370	76.90
1610D1				1610D1			91.93
1610D1		1.17	A Court In the Court of the Cou	1610D1		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	49.33
1610D1	25C14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1610D1			13.81
		1610P	48.46	1610D1	25C14	100000	61.84
1610D1		1370	54.59	1610D1	25014	16101	97.90
	11.50	1370	50.00	1610D1	25014	101CA	and the second of the second
162ND1				1610D1 162ND1			49.42
162ND1		edwinnin kaligali		162ND1			23.28
		162CA		the first transfer of the first			79.50
	AUCTA	TOPCH	*0.33	TOANDI	25C14	TOSM	68.54

			TA	BLE XVIII		
	162ND1	25C14 162CE1	14.58	162ND1	25C14 137CB	81.24
	162ND1	25C14 162CD2	28.11	162ND1	25C14 184CZ2	60.58
	162ND1	25C14 162NE2	21.94	162ND1	25C14 161CA	95.48
	162ND1	25C14 137CA	97.09	162CB	25C14 162CG	25.05
	162CB	25C14 1610	62.89	162CB	25C14 161C	53.94
	162CB	25C14 162CA	21.95	162CB	25C14 161CG	76.82
	162CB		35.96	W. W. and Street Committee of the Commit	25C14 162CE1	55.50
	162CB	25C14 137CB	53.40	162CB	25C14 161CB	80.35
	162CB	25C14 162CD2	35.20	162CB	25C14 184CZ2	83.43
	162CB		81.05	162CB	25C14 162NE2	49.18
	162CB	25C14 161CA		162CB	25C14 1370	88.14
	162CB	25C14 137CA	63.27	162CG	25C14 1610	77.15
	162CG	25C14 161C	73.93	162CG	25C14 162CA	38.93
	162CG	25C14 162N	57.98	162CG	25C14 162CE1	31.20
	162CG	25C14 137CB	59.50	162CG	25C14 162CD2	13.71
	162CG	25C14 184CZ2	62.16	162CG	25C14 137C	90.53
	162CG	25C14 162NE2	24.37		25C14 161CA	87.82
	162CG	。这有病病的是"基本"的是"人类"的基础的现象。 (1) (1)	91.83	PF-0. 1.300 (0.00%) 1 - 1	25C14 137CA	74.49
	1610	25C14 161C	17.83	1610	25C14 162CA	41.16
	1610	The state of the second of the	59.81	1610	25C14 162N	32.33
	1610	25C14 162CE1	89.00	1610	25C14 161CB	43.28
	1610	25C14 162CD2	90.86	1610	25C14 162NE2	95.79
	1610		28.30		25C14 162CA	35.01
	161C	25C14 161CG	45.86	1 14 44 1	25C14 162N	18.49
	161C	25C14 162CE1	94.05		25C14 137CB	91.74
	161C	25C14 161CB	34.16	And the second	25C14 162CD2	87.05
	161C	25C14 162NE2	96.49	161C	25C14 161CA	16.14
	161C	25C14 137CA	88.79		25C14 161CG	70.29
	162CA	25C14 162N	20.32	162CA	25C14 162CE1	62.52
	162CA	25C14 137CB	73.16	162CA	25C14 161CB	66.66
	162CA	25C14 162CD2	52.11	162CA	25C14 137C	96.91
	162CA	25C14 162NE2	62.05	162CA	25C14 161CA	49.32
	162CA	25C14 137CA	79.58		25C14 162N	50.67
					25C14 161CB	20.44
			64.73		25C14 161CA	31.54
	161CG	25C14 1370	78.60	Acres to the second second	25C14 137CA	62.23
Arra, etek irola Erik Johannier	162N	25C14 162CE1		the state of the s	25C14 137CB	75.61
	162N 162N	25C14 161CB	46.58		25C14 162CD2	70.31
	162N		90.94		25C14 162NE2	81.86
	a company of	25C14 161CA 25C14 137CB			25C14 137CA	76.03
0)	162CE1				25C14 162CD2	28.99
		25C14 184CZ2 25C14 137CA	47.31 98.37			14.94
	137CB	25C14 137CA	A contract of the contract of	137CB	25C14 161CB	93.78
		20C14 10CCD2	٥٥. در	137CB	25C14 184CZ2	66.27
				67		
B 2	· : ". ` .			•		
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			TA	BLE XVIII			
137CB	25C14	137C	31.04	137CB		162NE2	66.78
137CB	25C14	161CA	91.93	137CB	25C14	1370	34.84
137CB	25C14	137CA	16.94	161CB	25C14	137C	85.13
161CB	25C14	161CA	18.06	161CB	25C14	1370	98.82
161CB	25C14	137CA	82.01	162CD2	25C14	184CZ2	49.12
162CD2	25C14	137C	84.06	162CD2	25C14	162NE2	16.33
162CD2	25C14	1370	82.53	162CD2	25C14	137CA	70.12
184CZ2	25C14	137C	79.92	184CZ2	25C14	162NE2	40.56
184CZ2	25C14	1370	67.98	184CZ2	25C14	137CA	79.44
137C	25C14	162NE2	95.36	137C	25C14	161CA	92.71
137C	25C14	1370	14.52	137C	25C14	137CA	17.79
162NE2	25C14	1370	90.59	162NE2	25C14	137CA	83.69
161CA	25C14	137CA	84.51	1370	25C14	137CA	28.01
1370	25C15	184CZ2	82.18	1370	25C15	184CH2	65.00
1370	25C15	137C	15.27	1370	25C15	1610D1	65.35
1370	25C15	138CA	35.59	1370	25C15	138N	27.26
1370	25C15	137CB	35.12	184CZ2	25C15	184CH2	18.93
184CZ2	25C15	14 - NA C(TW, 188)	89.79	184CZ2	25C15	137CB	65.87
184CH2	25C15	137C	74.80	184CH2	25C15	138N	90.34
184CH2	1.1	137CB	56.59	137C	25C15	1610D1	50.24
137C		138CA	30.23	137C	25C15	138N	15.68
137C	1.00	137CB	30.32	1610D1	25C15	138CA	56.67
1610D1	25C15		45.35	1610D1	25C15	137CB	48.96
138CA	25C15	1.000 0.000 0.000 0.000	17.26	138CA	25C15	137CB	59.96
138N	Carlo Sand Time	137CB	43.35	162ND1	25C16	25 <i>S</i> G	47.96
162ND1	25C16	19NE2	81.02	162ND1	25C16	162CE1	17.42
162ND1	25C16		59.00	25 <i>S</i> G	25C16	19NE2	64.48
25SG		162CE1	51.01	25SG	25C16	23CA	79.30
25SG	25C16		61.60	19NE2	25C16	162CE1	65.94
19NE2	25C16	23CA	51.63	162CE1	25C16	1610	76.23
23CA	25017	19NE2	63.28	23CA	25017		18.00
		23N	16.04	23CA		220	36.68
			86.81		25017	and the second second	27.89
			75.23		25017	230	26.79
			26.12	and the Market Market and	25017		56.89
			63.52	19NE2			37.86
19NE2	25017		64.03				51.98
19NE2			12.01	19NE2			67.69
19NE2	25017		42.39			23N	32.96
23C			43.34				68.82
23C		22C		23C			68.57
23C	25017		13.76		25017		14.50
	25017		28.82		25017		15.59
23N	25017	19CD	74.62	23N 🧢	25017	230	42.84

		TAI	LE XVIII		
23N	25017 24N	36.39	220	25017 25SG	92.75
220	25017 22C	14.54	220	25017 19CD	47.50
220	25017 230	57.03	220	25017 24N	35.11
25SG	25017 19CD	63.67	25SG	25017 230	64.10
25SG	25017 24N	64.69	22C	25017 19CD	61.99
22C	25017 230	52.87	22C	25017 24N	37.51
19CD	25017 230	78.75	19CD	25017 24N	54.07
230	25017 24N	26.33	25SG	25N18 162ND1	59.84
25SG	25N18 1610	84.84	25SG	25N18 162CE1	58.94
25SG	25N18 25CB	19.83	25SG	25N18 162CG	65.68
25SG	25N18 161C	84.84	25 <i>S</i> G	25N18 162CA	63.77
25 <i>S</i> G	25N18 162CB	72.00	25SG	25N18 19NE2	64.56
162ND1	25N18 1610	77.72	162ND1	25N18 162CE1	17.48
162ND1	25N18 25CB	52.80	162ND1	25N18 162CG	12.09
162ND1	25N18 161C	70.93	162ND1	25N18 162CA	42.08
162ND1	25N18 162CB	29.83	162ND1	25N18 19NE2	80.21
1610	25N18 162CE1	95.07	1610	25N18 162CG	66.81
1610	25N18 161C	7.83	1610	25N18 162CA	36.26
1610	25N18 162CB	49.33	162CE1	25N18 25CB	45.72
162CE1	25N18 162CG	29.21	162CE1	25N18 161C	88.39
162CE1	25N18 162CA	59.10	162CE1	25N18 162CB	47.16
162CE1	25N18 19NE2	63.44	25CB	25N18 162CG	62.19
25CB	25N18 161C	98.68	25CB	25N18 162CA	72.18
25CB	25N18 162CB	74.19	25CB	25N18 19NE2	48.00
162CG	25N18 161C	59.70	162CG	25N18 162CA	32.47
162CG	25N18 162CB	17.97	162CG	25N18 19NE2	92.29
161C	25N18 162CA	30.47	161C	25N18 162CB	41.99
162CA	25N18 162CB	18.49	25SG	25C19 1610	87.86
25 <i>S</i> G	25C19 25CB	17.43	25SG	25C19 162ND1	51.44
25SG	25C19 230	85.01	25SG	25C19 23C	84.49
25SG	25C19 25N	40.23	25SG	25C19 161C	84.17
25 <i>S</i> G	25C19 162CE1			25C19 19NE2	65.89
1610	25C19 162ND1				3.96
1610	25C19 162CE1	79.95	25CB	25C19 162ND1	50.53
	25C19 23CA	87.26		25C19 23O	79.49
25CB	25C19 23C	74.66	25CB	25C19 25N	31.30
25CB		97.21	25CB	25C19 162CE1	42.12
25CB		48.60	162ND1	25C19 25N	81.01
162ND1	25C19 161C			25C19 162CE1	14.54
162ND1	25C19 19NE2	72.57	23CA	25C19 230	31.62
23CA		19.66			60.25
23CA	25C19 19NE2			25C19 23C	15.91
230	25C19 25N	48.22		25C19 19NE2	64.33
23C	25C19 25N	44.48	23C	25C19 19NE2	49.75
	0.000			• •	

		TA	BLE XVIII		
25N	25C19 162CI			25C19 19NE2	41.94
161C	25C19 162CI	76.42	162CE1		- A DOT NO.
19NE2	25N20 184N	61.55	<ul> <li>CONSTRUCT</li> <li>CONSTRUCT</li> </ul>	25N20 184CZ2	
19NE2	25N20 162CI	E1 59.51	19NE2	25N20 19CD	15.18
184NE1	25N20 184C2	2 30.44	184NE1	(X1) 1 M(X1) 1 X X X X X X X X X X X X X X X X X	the second of th
184NE1	25N20 19CI	46.54	184CZ2	25N20 162CE1	
184CZ2	25N20 19CI	74.46	A 2004 C.	25N20 19CD	52.22
1610	25C21 25SG	96.09	1610	25C21 161C	6.24
1610	25C21 162CA	33.10	1610	25C21 162N	17.36
1610	25C21 162NI	1 61.84	1610	25C21 25CB	99.78
1610	25C21 163N	59.11	25SG	25C21 161C	94.55
25SG	25C21 162CA	63.31	25SG	25C21 162N	80.59
25SG	25C21 162NI	1 43.09	25SG	25C21 25CB	6.39
25 <i>S</i> G	25C21 163N	44.50	161C	25C21 162CA	31.26
161C	25C21 162N	14.07	161C	25C21 162ND1	63.41
161C	25C21 25CE	98.77	161C	25C21 163N	55.24
162CA	25C21 162N	17.54	162CA	25C21 162ND1	114
162CA	25C21 25CB	an in 1994. De lines vide safe with that is f	162CA	25C21 163N	28.93
162N	25C21 162ND	1 52.75	162N	25C21 25CB	85.01
162N	25C21 163N	41.75	162ND1	25C21 25CB	43.42
162ND1	25C21 163N	45.75	25CB	25C21 163N	50.47
25 <i>S</i> G	25C22 25CB		25SG	25C22 25N	72.57
25SG	25C22 25CA		25SG	25C22 19NE2	93.81
25SG	25C22 26N	55.18	25 <i>S</i> G	25C22 162ND1	47.43
25SG	25C22 24C	82.40	25SG	25C22 25C	44.53
25 <i>S</i> G	25C22 162CE	9000 M 24 2400 D - 1940 C - 1	25SG	25C22 1610	75.53
25 <i>S</i> G	25C22 26CD	Maria di Karamatan Maria di M	25 <i>S</i> G	25C22 190E1	68.36
25 <i>S</i> G	25C22 19CD	The state of the s	25CB	25C22 25N	46.75
25CB	25C22 25CA		25CB	25C22 19NE2	63.05
25CB	25C22 24N	85.73	25CB	25C22 26N	52.12
25CB	25C22 162ND	594 ( ) 6 Pr 254 ( ) 475 ( ) 6 A 1 1 1	25CB	25C22 24C	57.01
25CB	25C22 25C	34.57		25C22 162CE1	
25CB	25C22 24CA	75.71	25CB	25C22 26CD1	92.36
25CB	25C22 190E			25C22 19CD	51.95
25N	25C22 25CA	23.55		25C22 230	65.42
25N	25C22 23C		the state of the state of	25C22 23CA	77.28
25N	25C22 19NE				43.20
25N	25C22 26N			25C22 24C	10.31
25N	25C22 25C	33.15		25C22 162CE1	
The first term and the second	25C22 24CA	*	25N	25C22 26CD1	58.64
	25C22 190E		+ 25 T	25C22 25CD1	54.20
	25C22 230		A Committee of the Comm	25C22 13CD	83.54
25CA	25C22 23CA			25C22 19NE2	61.73
. 1154 (4.4)	25C22 24N	66.05	(17) (17) (17)	25C22 26N	35.11
				200	JJ.11
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

			TAE	BLE XVIII			
25CA	25C22 1	62ND1	81.55	25CA	25C22	24C	33.75
25CA	25C22	25C	19.23	25CA	25C22	162CE1	69.99
25CA	25C22	24CA	52.91	25CA	25C22	26CD1	70.42
25CA	25C22	190E1	50.96	25CA	25C22	19CD	55.14
230	25C22	23C	19.26	230	25C22	23CA	35.89
230	25C22	19NE2	79.72	230	25C22	24N	32.92
230	25C22	26N	78.15	230	25C22	24C	55.15
230	25C22	25C	88.29	230	25C22	24CA	36.77
230	25C22	26CD1	45.35	230	25C22	19CD	90.80
23C	25C22	23CA	22.09	23C	25C22	19NE2	61.06
23C	25C22	24N	18.52	23C	25C22	26N	84.89
23C	25C22	24C	50.29	23C	25C22	25C	89.80
23C	25C22	24CA	31.49	23C	25C22	26CD1	60.86
23C	25C22	190E1	86.44	23C	25C22	19CD	72.74
23CA	25C22	19NE2	57.32	23CA	25C22	24N	34.39
23CA	25C22	24C	68.55	23CA	25C22	24CA	51.33
23CA	25C22	26CD1	81.00	23CA	25C22	190E1	84.42
23CA	25C22	19CD	70.13	19NE2	25C22	24N	48.45
19NE2	25C22	26N	93.13	19NE2	25C22	162ND1	81.54
19NE2	25C22	24C	55.55	19NE2	25C22	25C	80.63
19NE2	25C22 1		65.93	19NE2	25C22	24CA	57.12
19NE2		190E1	27.13	19NE2	25C22	19CD	12.81
24N		26N	74.25	24N	25C22	24C	34.17
24N	25C22	25C	75.06	24N	25C22	24CA	17.99
24N		26CD1	62.40	24N	25C22	190E1	70.97
24N		19CD	58.41	26N	25C22	24C	43.27
26N		25C	17.72	26N		162CE1	96.42
26N		24CA	56.30	26N	25C22	26CD1	41.56
26N		190E1	86.07	26N	25C22	19CD	89.17
162ND1		25C	87.29	162ND1		162CE1	16.50
162ND1	and the state of the state of	610	57.76	162ND1	25C22	190E1	57.61
	25C22						
	25C22 1				and the same of th		
	25C22				Y .	190E1	
	25C22					162CE1	
250	25C22	24CA 100D1	58.50	25C	25C22	26CD1	
	25C22						74.36
	25C22 1			162CE1			41.17
	25C22						49.39
60 100 W - 1	25C22 25C22						63.76
	25023			25SG 25SG		25N 25CA	75.69
	25023 25023		90.69	25SG 25SG			54.99
25SG			48.15	25SG	25023 25023	26N	83.77 51.79
	رعادع		10.10	2336	23023	2 UIV	JT. 13

	TABLE XVIII										
25 <i>S</i> G	25023	162ND1	44.43	25SG	25023	162CE1	52.19				
25 <i>S</i> G	25023	240	85.50	25N	25023	25CB	51.43				
25N	25023	19NE2	75.55	25N	25023	23C	76.45				
25N	25023	24N	57.15	25N	25023	230	76.49				
25N	25023	25CA	24.40	25N	25023	24C	15.43				
25N	25023	24CA	38.06	25N	25023	19CD	72.15				
25N	25023	190E1	71.82	25N	25023	220	86.12				
25N	25023	25C	27.77	25N	25023	26N	33.20				
25N	25023	23N	97.97	25N	25023	162CE1	94.44				
25N	25023	240	9.85	25N	25023	22C	91.69				
25CB	25023	19NE2	80.56	25CB	25023	25CA	27.06				
25CB	25023	24C	66.23	25CB	25023	24CA	89.22				
25CB	25023	19CD	67.04	25CB	25023	190E1	52.55				
25CB	25023	25C	33.18	25CB	25023	26N	48.61				
25CB	25023	162ND1	52.03	25CB	25023	162CE1	45.88				
25CB	25023	240	59.52	19NE2	25023	23C	84.54				
19NE2	25023	24N	66.47	19NE2	25023	23CA	78.32				
19NE2	25023	25CA	77.61	19NE2	25023	24C	71.54				
19NE2	25023	24CA	74.20	19NE2	25023	19CD	14.67				
19NE2	25023	190E1	32.03	19NE2	25023	220	39.73				
19NE2	25023		93.21	19NE2	25023	23N	68.79				
19NE2	25023	162ND1	89.64	19NE2	25023	162CE1	73.89				
19NE2	25023	240	69.92	19NE2	25023	22C	53.32				
23C	25023	24N	24.58	23C	25023	23CA	28.13				
23C	25023	230	21.76	23C	25023	24C	61.59				
23C	25023	24CA	38.61	23C	25023	19CD	97.49				
23C	25023	220	49.19	23C	25023	25C	99.27				
23C	25023	26N	90.14	23C	25023	23N	30.80				
23C	25023		68.35	23C	25023	22C	39.19				
24N	25023	23CA	44.35	24N	25023	230	40.46				
24N	25023	25CA	80.66	24N	25023	24C	41.72				
24N 24N	25023		20.87	24N		19CD	77.11				
24N	25023	30-	91.57	24N	25023	220	41.76				
		25C	5.0	24N	25023		80.39				
24N	25023		100	24N	25023	240	47.80				
138 3.7	25023 25023		39.24		25023	230	43.14				
23CA				23CA	25023		63.70				
23CA		19CD	92.98	23CA		220	38.70				
23CA 23CA	25023 25023	23N 22C	9.54		25023		92.15				
23CA 230	25023	24C	25.05 64.48	230	25023	25CA	99.19				
230	25023	220	70.90	230	25023	24CA	44.29				
230 230	25023	26N	70.90 78.46	230	25023	25C	91.92				
230 230	25023	240	71.18	230 230	25023 25023	23N	49.19				
				230	23023		60.24				

•						se di di di	
	2503	25022 240		BLE XVIII			
 	25CA	25023 24C	39.48		25023		62.38
. (·	25CA	25023 19CD	68.41	25CA	25023		
	25CA	25023 25C	15.95		25023	A STATE OF THE STATE OF	32.35
	25CA	25023 162ND1	79.08			162CE1	71.50
	25CA	25023 240	32.98	24C	25023	<ol> <li>35. 25. 25. 25. 35. 4. 37.</li> </ol>	22.98
:	24C	25023 19CD	72.19	er i ja sen meste meste et al i i i i i i i i i i i i i i i i i i	25023		76.64
	24C	25023 220	73.41	24C	25023		42.54
	24C	25023 26N	44.02	all a first the same of the first	25023	N	82.66
٠	24C	25023 240	6.88		25023	and the second of the second	77.34
	24CA	25023 19CD	80.54	24CA	25023		90.57
	24CA	25023 220	60.20		25023	and the second of the second	63.31
÷.	24CA	25023 26N	59.62	24CA	25023		61.69
٠,	24CA	25023 240	29.75	24CA	25023	adalah bilan dari	59.80
ĺ.	19CD	25023 190E1	17.43	19CD	25023	220	54.37
	19CD	25023 25C	84.36		25023	26N	99.96
	19CD	25023 23N	83.45	19CD	The second second second	162ND1	76.89
•	19CD	25023 162CE1	60.68	19CD	25023	240	68.84
	19CD	25023 22C	67.98		25023	220	71.76
•	190E1	25023 25C	76.10	190E1	25023	26N	93.05
٠	190E1	25023 162ND1	60.98	190E1		162CE1	44.53
	190E1	25023 240	71.61	190E1	25023	22C	85.33
	220	25023 23N	29.15		25023	240	76.62
٠.	220	25023 22C	13.64	25C	25023	26N	17.16
	25C	25023 162ND1	82.30	25C	4.0	162CE1	78.86
	25C	25023 240	37.62	26N	25023	162ND1	92.78
×.	26N	25023 162CE1	92.75	26N	25023	240	41.67
	23N	25023 240	88.33	23N	25023	22C	15.51
. ?	162ND1	25023 162CE1	16.46	240	25023	22C	81.85
	65CA	25C24 66N	33.46	65CA	25C24	65C	20.36
	65CA	25C24 640	36.58	65CA	25C24	660	68.87
	66N	25C24 65C	17.64	66N	25C24	640	67.62
	66N	25C24 660		65C	25C24	640	50.58
	65C	25C24 660		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C25	66N	40.06
		25C25 66C	8.90		25C25	65CA	70.27
	660	25C25 65C	53.58	10.00	25C25	161C	14.86
		25C25 161CA	28.19	1610	25C25	25SG	60.39
	66N	25C25 66C		66N	25C25	65CA	30.22
	66N		91.38		25C25	A Committee of the Comm	14.24
	161C	25C25 161CA	17.63		25C25	25SG	69.22
٠.		25C25 65CA	61.71		25C25	65C	44.80
	65CA	25C25 25SG	82.36		25C25	65C	17.73
	L61CA	25C25 25SG	86.68		25C25	65C	92.33
•		25C26 66C	3.30		25C26	163CB	87.58
1	1610	25C26 161C	15.84	1610	25C26	163N	56.85

			TA TA	BLE XVIII			교육 - 그 등 1. 기급기계 - 그 등 그
1610	25C26	1600	61.70		20 C 1 20 THE 2 C	163CB	84.35
1610		162N	27.01	and the second second	25C26		28.97
161C		163N	55.26		- 11. SAY 39.8 W	1600	50.24
161C	•	163CB	84.79		H 2014/1990/308/10	162N	15.32
161C		161CA	17.79		25C26	(M. 175 1967/90)	95.75
163N		163CB	29.64	1 10 1 30 2 30 2 30 2 30	25C26	1 . 5 let 1246 . 7 2 1921.	42.53
163N		161CA	71.03	66C	1. 1.00 (3.17) (4.135)	163CB	89.72
1600		162N	56.11	1. A 1972 A 1973 A 1	12.000 a 266 a 266 til 3	161CA	33.06
163CB		162N	72.06	162N	<ul> <li>*** *********************************</li></ul>	161CA	28.56
1600		160C	16.28	1600		161CA	39.86
1600		161C	59.69	1600	25C27		29.94
1600	25C27		70.88	1600	Marketti elektrik	160CB	
1600		134CB	91.77	1600	25C27	1945 A. J. 1970 I. 1970 A.	39.29
160C		161CA	33.56	160C	25C27	THE ALLEY WAS TO SEE THE	65.04
160C		161N	17.29	160C	25C27		50.71
160C		160CB	32.70	160C	T. 688 W/C 2.2	134CB	64.68
160C	25C27		52.23	The Principal Control of the Control	25C27		77.93
161CA		161N	19.14	161CA	Professional transfer	N/99/150/09/01 EV	20.25
161CA		160CB	64.50	161CA	25C27 25C27	100 89 .77	31.54
161CA	- 3	162N	30.47	161CA	25C27	134CB	90.77
161C		1610	15.99	161C	11194 AUS W. LA	Makabwaka mili	33.69
161C	25C27	The Color of the C	85.39	161C	25C27	160CB	77.36
161N		1610	48.38	161N	25C27	162N	15.75
161N	•	134CB	77.13		25C27	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45.58
1610		160CB	93.10	1610	25C27	7 (16) (16) (16) (16) (16) (16) (16) (16)	35.42
1610	25C27		27.78		and the second of the	134CB	96.47
160CB		134CB	56.56	660 160CB		209CD2	83.62
160CB		209CD2	69.27	talle and the second second	25C27	21 (5.200 m.)	71.89
134CB		209CD2	49.25	134CB	25C27	162N	69.95
1600	A CONTRACTOR OF THE PARTY OF TH	161CA	34.92	1600 1600	25C28	status da libera Maria sa Palificia	11.12
160C	25C28		30.68	Barran Company	25C28 25C28	R 2011 C. C. C.	22.64
							14.74
161CA		161N	17 22	01/051	25028	0 /CDT	16.20
			60 60	660	25028	67CDI	44.47
209CD2	25029	67CD1				111 - 114 - 25 - 1	90.30
				209CD2			98.85
134CB	25029	16000	60.30	209CD2	25029	9 /CET	70.23
134CB	25029	300CD	60.29	T34CB	25029	160C	85.31
1600	25029		62.21				
			15.52	TOUCE	25C29	TPAC	33.72
67CD1	25029	20900	83.59	67CD1	25029	660	45.57
660		209CG 67CE1	73.48				
660							77.57
		66N	40.15	660	25C30	65CA	82.36
660	25C30	4 OCDI	69.05	660	25C30	26CB	54.83

			TAI	BLE XVIII			
660	25C30	65C	61.73	660	25C30	66C	12.32
660	25C30	66CA	31.12	660	25C30	26CG	57.20
660	25C30	26N	86.09	660	25C30	163CB	86.18
66N	25C30	65CA	36.68	66N	25C30	26CD1	45.40
66N	25C30	26CB	62.49	66N	25C30	65C	16.57
66N	25C30	66C	34.22	66N	25C30	66CA	15.04
66N	25C30	26CG	48.20	66N	25C30	26N	85.31
25 <i>S</i> G	25C30	26CD1	80.34	25SG	25C30	26CB	78.23
25SG	25C30 1	610	67.14	25SG	25C30	26CG	83.17
25SG	25C30	26N	47.19	25SG	25C30	163CB	52.42
25SG	25C30 1	.63N	44.84	65CA	25C30	26CD1	53.97
65CA	25C30	26CB	86.07	65CA	25C30	65C	20.64
65CA	25C30	66C	70.78	65CA	25C30	66CA	51.58
65CA	25C30	26CG	67.39	65CA	25C30	26N	93.38
26CD1	25C30	26CB	34.81	26CD1	25C30	65C	49.80
26CD1	25C30	66C	59.13	26CD1	25C30	66CA	50.39
26CD1	25C30	26CG	17.00	26CD1	25C30	26N	42.15
26CD1	25C30 1	63CB	83.57	26CB	25C30	65C	74.87
26CB	25C30	66C	51.73	26CB	25C30	66CA	56.97
26CB	25C30	26CG	18.84	26CB	25C30	26N	31.41
26CB	25C30 1	63CB	54.44	26CB	25C30	L63N	82.52
65C	25C30	66C	50.25	65C	25C30	66CA	31.10
65C		26CG	58.02	65C	25C30	26N	91.94
1610	25C30 1	63CB	83.35	1610	25C30	L63N	54.69
66C	25C30	66CA	19.22	66C	25C30	26CG	49.60
66C	25C30	26N	82.89	66C	25C30 1	L63CB	92.24
66CA		26CG	47.25	66CA	25C30	26N	84.74
26CG	25C30	26N	37.73	26CG	25C30 1	.63CB	71.86
26CG	25C30 1		98.68	26N	25C30 1	.63CB	44.77
26N		63N	65.10	163CB	25C30 1	63N	28.72
660	the first transfer	66N	61.37	660	25031	26CB	77.21
660			95.50	660	25031	66C	18.26
660		26CG	80.22	660	25031	66CA	41.13
660		65C	76.22	660	25031	65CA	98.52
660		26CA	93.42	660	25031	26NE1	92.30
660		67N	17.71	660	25031	26CD2	73.43
660		650	71.00	66N	25031	26CB	86.34
66N		26CD1	59.28	66N	25031	66C	45.73
66N		26CG	65.50	66N	25031	66CA	21.43
66N	•	65C	16.23	66N	25031	65CA	39.07
66N			49.90	66N	25031	67N	52.44
66N		26CD2	57.23	::66N	25031	650	11.55
26CB			45.93	26CB	25031	66C	70.12
26CB	25031	26CG	25.17	26CB	25031	66CA	76.25

				<b></b>			- () - a
26CB	25031	65C	96.29	BLE XVIII 26CB	and the second of the second	2611	36.00
26CB	25031	26CA	18.87		ur Mini i yakazok	26N	36.99
26CB	25031		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. I see takka ta'i t	25031	nde by gyntier	86.19
26CB	- 7 Table 188	163CB		121 A 12 A 24 A 24 A 24 A 24 A 24 A 24 A	25031	67N	63.56
26CB	25031			26CB	11,2737 (1) 17,275,375, 11,1	金んとく ひごせん タイス	30.74
26CD1	25031		94.86			66C	78.62
26CD1			22.75	\$666. 智知: 1868. 最终的	25031	66CA	65.15
26CD1	25031		60.18		Problem Liberto C	65CA	62.48
26CD1	7, 7,79-40,110		50.53	26CD1	1 0.0 m U290 MR	26CA	52.01
4、 连笔 60° 1.7%。	25031	175 178 115 175	86.23	26CD1	W	26NE1	10.06
26CD1		1 - 60 12. 619	77.85			163CB	97.88
26CD1			24.53	26CD1		650	61.57
66C	25031	north Middle College	66.43	66C	25031	66CA	24.43
66C	25031		61.60	66C	25031	65CA	84.54
66C	25031		88.49	66C	25031	26NE1	74.51
66C		67N	8.31		25031	26CD2	58.54
66C	25031	650	56.49	26CG	25031	66CA	61.97
26CG	25031		72.65	26CG	25031	65CA	81.58
26CG	25031	A 44 (A) (A)	45.87	26CG	25031	26CA	37.48
26CG	25031		92.89	26CG	25031	26NE1	29.02
26CG	25031	67N	62.96	26CG	25031	163CB	84.79
26CG	25031	26CD2	9.01	26CG	25031	650	72.10
66CA	25031	65C	37.55	66CA	25031	65CA	60.47
66CA	25031	26CA	94.80	66CA	25031	26NE1	58.06
66CA	25031	67N	31.03	66CA	25031	26CD2	52.97
66CA	25031	650	32.59	65C	25031	65CA	22.96
65C	25031	26NE1	50.12	65C	25031	67N	68.57
65C	25031	26CD2	65.66	65C	25031	650	5.21
65CA	25031	26NE1	53.45	65CA	25031	67N	91.50
65CA	25031	26CD2	77.14	65CA	25031		28.05
26N	25031	26CA	20.41	26N	25031	25 <i>S</i> G	49.78
26N	25031	26NE1	60.51	26N	25031	163CB	48 83
26N	25031	26CD2	54.87	26CA	25031	25SG	67.76
26CA	25031	26NE1	61.63	26CA	25031	67N	81 48
26CA	25031	163CB	47.51	26CA	25031	26CD2	45.43
25SG	25031	26NE1	93.17	25SG	25031	L63CB	52.44
26NE1	25031	67N	75.15	26NE1	25031	26CD2	27 61
26NE1	25031	650	51.59	67N	25031	26CD2	55 84
67N			63.57	163CB	25031	26CD2	92 09
26CD2	25031	650	64.59	25SG	25N32 1	1610	82 28
25SG	25N32	230	84.49	25SG	25N32	26CD1	88 80
25 <i>S</i> G			50.25	25SG	25N32	25CB	9.66
25 <i>S</i> G	25N32	25N	39.55	25sc	25N32 1	63N	46.38
A	25N32		79.05	25SG	25N32	61C	82.48
25 <i>S</i> G			74.25				
					<del>_</del>		

		TAI	BLE XVIII			
1610	25N32 163N	57.92	1610	25N32	161C	9.03
65CA	25N32 66N	32.94	65CA	25N32	230	48.76
65CA	25N32 26CD1	52.31	65CA	25N32	26N	94.41
65CA	25N32 25N	92.40	65CA	25N32	65C	17.26
65CA	25N32 660	67.39	65CA	25N32	26CB	78.37
65CA	25N32 23C	60.93	66N	25N32	230	68.51
66N	25N32 26CD1	41.20	66N	25N32	26N	79.04
66N	25N32 25N	94.92	66N	25N32	65C	15.81
66N	25N32 660	35.14	66N	25N32	26CB	53.15
66N	25N32 23C	81.78	230	25N32	26CD1	46.25
230	25N32 26N	67.84	230	25N32	25CB	76.13
230	25N32 25N	47.96	230	25N32	65C	59.32
230	25N32 660	99.28	230	25N32	26CB	75.73
230	25N32 23C	13.32	26CD1	25N32	26N	42.44
26CD1	25N32 25CB	79.55	26CD1	25N32	25N	54.01
26CD1	25N32 65C	45.85	26CD1	25N32	660	57.60
26CD1	25N32 26CB	31.68	26CD1	25N32	23C	55.94
26N	25N32 25CB	42.72	26N	25N32	25N	33.34
26N	25N32 65C	87.61	26N	25N32	660	74.76
26N	25N32 163N	67.13	26N	25N32	26CB	30.37
26N	25N32 23C	68.06	25CB	25N32	25N	30.07
25CB	25N32 163N	53.14	25CB	25N32	26CB	72.55
25CB	25N32 161C	92.10	25CB	25N32	23C	66.78
25N	25N32 65C	95.38	25N	25N32	163N	80.01
25N	25N32 26CB	60.55	25N	25N32	23C	41.68
65C	25N32 660	50.19	65C	25N32	26CB	65.71
65C	25N32 23C	72.49	660	25N32	163N	92.86
660	25N32 26CB	44.71	163N	25N32	26CB	78.55
163N	25N32 161C	52.17	26CB	25N32	-23C	82.47
25SG	25C33 25N	62.03	25SG	25C33	26N	67.44
25 <i>S</i> G	25C33 25CB	22.53	25 <b>S</b> G	25C33	25CA	44.14
25 <i>S</i> G	25C33 25C	51.85	25SG	25C33	The Control of the Control	94.55
25SG	25C33 24C	75.69	25 <i>S</i> G		26CB	94.29
	25C33 24CA		25SG	25C33	26CA	77.03
25SG	25C33 1610	66.31		25C33	1.5	68.18
230	25C33 26CD1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	230	25C33	Commence of the Commence of th	92.61
230	25C33 23C	18.66	230	25C33		89.03
230	25C33 65CA	56.48	230	25C33		96.38
230	25C33 24N	30.61			24C	56.80
230	25C33 26CG		230	25C33	26CB	94.54
	25C33 23CA	32.16	1100		66N	77.02
230	25C33 24CA		230	25C33	26CA	97.15
230	25C33 26NE1	47.95	230	25C33	1000	65.17
230	25C33 65N	43.20	25N	25C33	26CD1	73.26

			TAI	BLE XVIII			
25N	25C33	26N	44.51		25C33	25CB	39.50
25N	25C33	23C	57.79	25N	25C33		20.88
25N	25C33	25C	34.96	25N	25C33	24N	40.75
25N	25C33	24C	13.79	25N	25C33		73.79
25N	25C33	26CB	75.59	25N	25C33		69.58
25N	25C33	24CA	31.77	25N	25C33		59.60
25N	25C33	26NE1	73.01	26CD1	2. 1. 200 200	26N	53.40
26CD1	25C33	23C	74.18	26CD1	25C33	de de la compete de de la compete de la comp	82.03
26CD1	25C33	65CA	58.73	26CD1	25C33		69.11
26CD1	25C33	24N	71.72	26CD1	25C33	24C	61.69
26CD1	25C33	26CG	15.97	26CD1	25C33	26CB	35.58
26CD1	25C33	23CA	91.94	26CD1	25C33	and the second of the second	43.00
26CD1	25C33	24CA	56.83	26CD1	25C33	26CA	46.45
26CD1	25C33	26NE1	12.72	26CD1	25C33	65C	47.83
26CD1	25C33	65N	61.48	26N	25C33	25CB	53.84
26N	25C33	23C	92.65	26N	25C33	25CA	37.01
26N	25C33	25C	17.36	26N	25C33	24N	77.69
26N	25C33	24C	45.23	26N	25C33	26CG	43.00
26N	20042333634	26CB	34.40	26N	25C33	66N	88.08
26N	25C33	24CA	60.35	26N	25C33	26CA	15.70
26N	25C33	26NE1	62.43	26N	25C33	65C	98.83
25CB	25C33	23C	89.77	25CB	25C33	25CA	22.60
25CB	25C33	25C	36.53	25CB	25C33	24N	74.40
25CB	25C33		53.16	25CB	25C33	26CG	96.54
25CB	25C33	26CB	86.56	25CB	25C33	23CA	92.73
25CB	25C33	24CA	70.80	25CB	25C33	26CA	67.26
25CB	25C33	1610	88.61	23C	25C33	25CA	78.15
23C	25C33	65CA	73.62	23C	25C33	25C	90.88
23C	25C33	24N	17.05	23C	25C33	24C	49.66
23C	25C33	26CG	88.11	23C	25C33	23CA	19.27
23C	25C33	66N	95.67	23C	25C33	24CA	32.32
23C		26NE1		23C	25C33	65C	83.62
23C	art of the first transfer of the first trans	65N		25CA	25C33	25C	21.13
	25C33	24N	61.20	25CA	25C33	24C	33.01
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		26CG	76.92	25CA	25C33	26CB	71.41
25CA	PARTER AND A CO.	100	87.72	25CA	25C33	24CA	52.23
25CA	25C33	26CA	52.44		25C33		85.76
A STATE OF THE STATE OF	The state of the s	24N		65CA			69.63
65CA			84.46		25C33	23CA	76.25
65CA		66N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	the second second second	of this take the first	24CA	88.00
	1 4. 116 All 1	26NE1	51.85	65CA	25C33	65C	16.56
65CA	25C33		14.77			24N	74.16
25C	7.3.	24C		e e e e e e e e e e e e e e e e e e e	25C33		60.10
25C	25C33	26CB	51.20	253	25C33	24CA	59.94

			TAI	BLE XVIII			
25C	25C33	26CA	31.86	25C	25C33	26NE1	76.48
24N	25C33	24C	33.23	24N	25C33	26CG	82.78
24N	25C33	26CB	96.28	24N	25C33	23CA	32.00
24N	25C33	24CA	18.67	24N	25C33	26CA	88.81
24N	25C33	26NE1	62.87	24N	25C33	65C	93.98
24N	25C33	65N	73.77	24C	25C33	26CG	64.93
24C	25C33	26CB	70.95	24C	25C33	23CA	64.79
24C	25C33	24CA	19.55	.24C	25C33	26CA	58.29
24C	25C33	26NE1	59.98	24C	25C33	65N	96.26
26CG	25C33	26CB	19.61	26CG	25C33	66N	46.12
26CG	25C33	24CA	65.68	26CG	25C33	26CA	32.66
26CG	25C33	26NE1	28.68	26CG	25C33	65C	55.83
26CG	25C33	65N	75.10	26CB	25C33	66N	55.47
26CB	25C33	24CA	77.83	26CB	25C33	26CA	19.41
26CB	25C33	26NE1	48.27	26CB	25C33	65C	68.78
26CB	25C33	65N	92.50	23CA	25C33	24CA	50.00
23CA	25C33	26NE1	79.91	23CA	25C33	65C	89.99
23CA	25C33	65N	61.53	66N	25C33	24CA	94.59
66N	25C33	26CA	74.61	66N	25C33	26NE1	44.61
66N	25C33	65C	15.82	66N	25C33	65N	45.20
24CA	25C33	26CA	70.41	24CA	25C33	26NE1	50.59
24CA	25C33	65C	89.84	24CA	25C33	65N	77.59
26CA	25C33	26NE1	57.80	26CA	25C33	65C	87.10
26NE1	25C33	65C	44.55	26NE1	25C33	65N	51.65
65C	25C33	65N	29.48	660	25N34	66N	45.23
660	25N34	65CA	78.78	660	25N34	65C	62.40
660	25N34	66C	13.36	660	25N34	66CA	32.35
66N	25N34	65CA	34.26	66N	25N34	65C	17.63
66N	25N34	66C	35.00	66N	25N34	66CA	17.78
65CA	25N34	65C	20.48	65CA	25N34	66C	69.25
65CA	25N34	66CA	51.09	65C	25N34	66C	51.11
65C	25N34	66CA	31.81	66C	25N34	66CA	19 75

### TABLE XIX

Table of angles between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one.

Atom 1	Atom 2	Atom 3	Angle	Atom 1	Atom 2	Atom 3	Angle
200	25C1	20C	8.55	200	25C1	21CA	35.54
200	25C1	20N	33.52	200	25C1	21N	19.74
200	25C1	21NE2	53.30	200	25C1	19CB	70.43
200	25C1	19CD	89.13	200	25C1	20CA	16.45
200	25C1	19CG	72.65	20C	25C1	21CA	32.39
20C	25C1	20N	30.42	20C	25C1	21N	14.60
20C	25C1	21NE2	58.84	20C	25C1	19CB	64.58
20C	25C1	19CD	81.24	20C	25C1	20CA	14.64
20C	25C1	19CG	65.09	184NE1	25C1	184CD1	18.88
184NE1	25C1	20N	99.03	184NE1	25C1	19CB	64.29
184NE1	25C1	19CD	56.93	184NE1	25C1	184CE2	13.44
184NE1	25C1	19CG	68.65	184CD1	25C1	20N	85.82
184CD1	25C1	19CB	57.54	184CD1	25C1	19CD	61.12
184CD1	25C1	184CE2	26.51	184CD1	25C1	19CG	67.61
21CA	25C1	20N	60.42	21CA	25C1	21N	18.12
21CA	25C1	21NE2	47.16	21CA	25C1	19CB	84.18
21CA	25C1	19CD	86.47	21CA	25C1	20CA	46.79
21CA	25C1	19CG	75.79	20N	25C1	21N	42.62
20N	25C1	21NE2	86.39	20N	25C1	19CB	39.01
20N	25C1	19CD	64.17	20N	25C1	20CA	17.07
20N	25C1	19CG	47.30	21N	25C1	21NE2	54.26
21N	25C1	19CB	71.03	21N	25C1	19CD	81.02
21N	25C1	20CA	28.72	21N	25C1	19CG	66.90
21NE2	25C1	20CA	69.50	19CB	25C1	19CD	29.32
19CB	25C1	20CA	54.83	19CB	25C1	184CE2	77.66
19CB	25C1	19CG	17.68	19CD	25C1	20CA	76.69
19CD	25C1	184CE2	69.09	19CD	25C1	19CG	17.08
20CA	25C1	19CG	59.66	184CE2	25C1	19CG	81.78
200	25C2	21NE2	59.99	200	25C2	20C	2.48
200	25C2	184NE1	99.98	200	25C2	184CD1	92.85

			TA	BLE XIX			
21NE2	25C2	2410H2	86.01	21NE2	25C2	20C	59.23
20C	25C2	184CD1	93.86	184NE1	25C2	184CD1	16.12
2410H2	25C3	21NE2	97.71	200	25C3	21NE2	54.27
200	25C3	184CD1	87.74	200	25C3	20C	3.17
21NE2	25C3	20C	54.18	184CD1	25C3	20C	88.87
2410H2	25C4	1840	97.32	200	25C4	180D1	66.74
200	25C4	184CD1	99.13	200	25C4	18CG	78.46
200	25C4	18ND2	91.26	200	25C4	20C	7.41
200	25C4	184NE1	94.68	200	25C4	20N	34.24
180D1	25C4	184CD1	86.06	180D1	25C4	184CG	91.60
180D1	25C4	1840	62.83	180D1	25C4	184CB	82.77
180D1	25C4	184CA	64.10	180D1	25C4	18CG	12.46
180D1	25C4	18ND2	28.21	180D1	25C4	20C	59.47
180D1	25C4	184NE1	97.79	180D1	25C4	20N	35.84
180D1	25C4	184C	57.15	184CD1	25C4	184CG	17.48
184CD1	25C4	1840	65.93	184CD1	25C4	184CB	33.13
184CD1	25C4	184CA	37.60	184CD1	25C4	18CG	88.07
184CD1	25C4	18ND2	95.74	184CD1	25C4	20C	99.37
184CD1	25C4	184NE1	15.35	184CD1	25C4	20N	82.14
184CD1	25C4	184C	55.11	184CG	25C4	1840	54.64
184CG	25C4	184CB	18.72	184CG	25C4	184CA	31.21
184CG	25C4	18CG	89.91	184CG	25C4	18ND2	92.98
184CG	25C4	184NE1	27.12	184CG	25C4	20N	96.33
184CG	25C4	184C	46.92	1840	25C4	184CB	36.11
1840	25C4	184CA	29.52	1840	25C4	18CG	52.77
1840	25C4	18ND2	45.59	1840	25C4	184NE1	80.28
1840	25C4	20N	93.80	1840	25C4	184C	13.81
184CB	25C4	184CA	18.71	184CB	25C4	18CG	77.83
		and the same of th	and the contraction of the first of the firs	184CB	0.09884.74 1191	184NE1	
184CB	25C4	20N					
184CA	25C4			184CA			
184CA	25C4			184CA			81.89
184CA	25C4			1. Mar. 1. Mar. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		18ND2	
18CG	25C4			18CG	3.28600 A. A. A. A.	20N	48.30
18CG	25C4	184C	49.48	18ND2	-m 4.80 . /4034 71	20C	83.86
18ND2	25C4			18ND2			47.21
20C	25C4			20C			28.14
184NE1	25C4	P		184NE1			70.17

			T/	ABLE XIX			
20N	25C4	184C	83.78	200	25C5	180D1	80.82
200	25C5	20N	45.03	200	25C5	20C	11.42
200	25C5	18CG	91.75	200	25C5	19CB	74.81
200	25C5	20CA	30.47	200	25C5	38.2	82.23
200	25C5	19C	51.72	200	25C5	19CA	69.30
180D1	25C5	20N	46.49	180D1		184CA	77.31
180D1	25C5	20C	70.82	180D1	25C5	18CG	11.80
180D1	25C5	184CB	96.95	180D1	25C5	19CB	72.36
180D1	25C5	1830	66.28	180D1	25C5	1840	67.87
180D1	25C5	20CA	51.82	180D1	25C5	19N	42.94
180D1	25C5	184C	64.99	180D1	25C5	18ND2	27.18
180D1	25C5	19C	53.47	180D1	25C5	19CA	55.00
184CD1	25C5	184CG	18.87	184CD1	25C5	184NE1	17.79
184CD1	25C5	184CA	44.65	184CD1	25C5	184CB	36.67
184CD1	25C5	19CB	67.07	184CD1	25C5	1830	47.98
184CD1	25C5	1840	72.91	184CD1	25C5	19N	80.31
184CD1	25C5	184C	63.25	184CD1	25C5	19C	98.13
184CD1	25C5	19CA	81.55	184CD1	25C5	184CD2	22.19
20N	25C5	20C	33.70	20N	25C5	18CG	58.10
20N	25C5	19CB	44.66	20N	25C5	1830	72.78
20N	25C5	20CA	18.20	20N	25C5	19N	38.00
20N	25C5	18ND2	73.36	20N	25C5	19C	13.46
20N	25C5	19CA	30.03	184CG	25C5	184NE1	31.64
184CG	25C5	184CA	35.78	184CG	25C5	184CB	20.39
184CG	25C5	19CB	83.44	184CG	25C5	1830	54.59
184CG	25C5	1840	58.05	184CG	25C5	19N	89.86
184CG	25C5	184C	51.94	184CG	25C5	19CA	95.52
184CG	25C5	184CD2	13.48	184NE1	25C5	184CA	62.33
184NE1	25C5	184CB	51.80	184NE1	25C5	19CB	68.57
184NE1	25C5	1830	61.84	184NE1	25 <b>C</b> 5	1840	89.24
184NE1	25C5	19N	89.54	184NE1	25C5	184C	80.74
184NE1	25C5	19C	99.19	184NE1	25C5	19CA	85.71
184NE1	25C5	184CD2	26.19	184CA	25C5	18CG	69.03
184CA	25C5	184CB	20.92	184CA	25C5	19CB	77.96
184CA	25C5	1830	36.00	184CA	25C5	1840	31.59
184CA	25C5	19N	66.93	184CA	25C5	184C	18.86
184CA	25C5	18ND2	67.71	184CA	25C5	19C	97.51
184CA	25C5	19CA	80.33	184CA	25C5	184CD2	

	WO 97/16177						P	CT/US96/17512	
				TA	BLE XIX				
	20C	25C5	18CG	82.15	20C	25C5	19CB	67.05	
	20C	25C5	20CA	19.43	20C	25C5	19N	71.23	
	20C	25C5	18ND2	92.73	20C	25C5	19C	41.28	
	20C	25C5	19CA	59.31	18CG	25C5	184CB	87.50	
	18CG	25C5	19CB	79.43	18CG	25C5	1830	64.87	
	18CG	25C5	1840	56.38	18CG	25C5	20CA	63.40	
	18CG	25C5	19N	48.70	18CG	25C5	184C	54.85	
y "X	18CG	25C5	18ND2	16.71	18CG	25C5	19C	64.20	
	18CG	25C5	19CA	63.20	184CB	25C5	19CB	90.65	
	184CB	25C5	1830	52.34	184CB	25C5	1840	37.66	
	184CB	25C5	19N	86.29	184CB	25C5	184C	32.87	
	184CB	25C5	18ND2	82.52	184CB	25C5	19CA	97.44	
	184CB	25C5	2410H2	93.49	184CB	25C5	184CD2	31.41	
	19CB	25C5	1830	42.37	19CB	25C5	20CA	60.88	
	19CB	25C5	19N	30.92	19CB	25C5	184C	88.12	
	19CB	25C5	18ND2	95.45	19CB	25C5	19C	31.26	
	19CB	25C5	19CA	18.10	19CB	25C5	184CD2	89.12	
	1830	25C5	1840	61.91	1830	25C5	20CA	90.84	
	1830	25C5	19N	35.42	1830	25C5	184C	46.49	
	1830	25C5	18ND2	74.22	1830	25C5	19C	63.18	
	14 ASTANA 1	25C5	19CA	45.18			184CD2		
	1840	25C5	19N	81.26	1840		184C	15.43	
	1840	Barat Sebelai e .	18ND2				19CA		
	100000000000000000000000000000000000000	41 - 325 SECARE 1 1 1	No. 25/No. Your Co.					68.07	
	and the second of the second of the second	<ul> <li>1 3-900 (300 (300 (400))</li> </ul>	19N		****			75.55	
		and the second of the					the second second	47.94	
			100					64.53	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		19C						
	184C 184C	1.55 (1.31) + v			184C	_			
		3.5.56411	19CA						1.41
			184CD2					80.57	
			19CA						
		25C6	19CA						, x
· · · · · · · · · · · · · · · · · · ·			20C 19CB				20N	48.34	
			19CB			25C6	180D1 20CA		
	5.73.77.78		19CG				20CA 19CA		
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	190 19N		200	25C6	21N		
	700	2,000	TON	03.04	200	4300	C:TIA	15.81	

	WO 97/1617	•			. j. dika		N. P.C.	r/US96/17512
	***************************************						FC	170390/17312
				TA	BLE XIX			
	200	25C6	19NE2	96.10	184CD1	25C6	184NE1	21.76
	184CD1	25C6	19CB	75.50	184CD1	25C6	180D1	95.54
	184CD1	25C6	19CG	83.68	184CD1	25C6	184CG	14.32
	184CD1	25C6	19CD	72.31	184CD1	25C6	19CA	87.17
	184CD1	25C6	190E1	56.50	184CD1	25C6	19N	79.17
	184CD1	25C6	184CE2	25.40	184CD1	25C6	1830	45.26
	184CD1	25C6	184CA	35.59	184CD1	25C6	184CB	27.68
	184CD1	25C6	19NE2	80.74	184NE1	25C6	19CB	80.25
	184NE1	25C6	19CG	80.79	184NE1	25C6	184CG	30.82
	184NE1	25C6	19CD	64.39	184NE1	25C6	19CA	96.31
	184NE1	25C6	190E1	49.89	184NE1	25C6	19N	93.83
	184NE1	25C6	184CE2	11.71	184NE1	25C6	1830	62.24
	184NE1	25C6	184CA	57.31	184NE1	25C6	184CB	47.06
	184NE1	25C6	19NE2	68.19	20C	25C6	20N	37.04
	20C	25C6	19CB	78.57	20C	25C6	180D1	67.96
	20C	25C6	19CG	74.74	20C	25C6	20CA	19.73
	20C	25C6	19C	45.89	20C	25C6	19CD	90.64
	20C	25C6	19CA	65.64	20C	25C6	19N	74.27
	20C	25C6	21N	11.50	20C	25C6	19NE2	87.59
	20N	25C6	19CB	50.10	20N	25C6	180D1	42.87
전체일 제공하였	20N	25C6	19CG	57.53	20N	25C6	20CA	19.02
	20N	25C6	19C	16.56	20N	25C6	19CD	76.93
	2011	25C6	19CA	32.67	20N	25C6	190E1	
	20N	25C6	19N	37.35			1830	71.42
	20N	25C6	21N	45.38			184CA	
	20N	25C6	19NE2	82.82			180D1	
	19CB	25C6					184CG	
	19CB	25C6	20CA	67.16			19C	1 1 4 1 1 600 1 1 1 1 1 1
	19CB	25C6	19CD	33.99			19CA	
	and the second programs with a second		190E1	37.17			19N	
	19CB	25C6	184CE2	91.78			1830	the second second
	19CB	25C6	21N	80.11			184CA	
			184CB	•			19NE2	
		1 1100 0100 000		88.69			184CG	
	180D1			49.91		•***	and Marian	53.85
	180D1	10.000		54.76			19N	
	180D1	25C6	1830		180D1			
	2 (1 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2		184CA	61.28			184CB	

			TA	BLE XIX			
19CG	25C6	184CG	97.34	19CG	25C6	20CA	70.01
19CG	25C6	19C	41.04	19CG	25C6	19CD	19.41
19CG	25C6	19CA	33.94	19CG	25C6	190E1	31.04
19CG	25C6	19N	50.11	19CG	25C6	184CE2	92.31
19CG	25C6	1830	60.89	19CG	25C6	21N	72.24
19CG	25C6	184CA	92.44	19CG	25C6	19NE2	28.22
184CG	25C6	19CD	86.63	184CG	25C6	19CA	96.09
184CG	25C6	190E1	70.82	184CG	25C6	19N	84.76
184CG	25C6	184CE2	28.58	184CG	25C6	1830	51.08
184CG	25C6	184CA	30.50	184CG	25C6	184CB	16.46
184CG	25C6	19NE2	94.82	20CA	25C6	19C	32.41
20CA	25C6	19CD	88.73	20CA	25C6	19CA	50.99
20CA	25C6	19N	56.06	20CA	25C6	1830	89.93
20CA	25C6	21N	30.16	20CA	25C6	19NE2	90.65
19C	25C6	19CD	60.43	19C	25C6	19CA	19.75
19C	25C6	190E1	69.63	19C	25C6	19N	32.09
19C	25C6	1830	64.40	19C	25C6	21N	50.78
19C	25C6	184CA	92.13	19C	25C6	19NE2	67.14
19CD	25C6	19CA	51.19	19CD	25C6	190E1	15.82
19CD	25C6	19N	64.65	19CD	25C6	184CE2	75.35
19CD	25C6	1830	64.06	19CD	25C6	21N	85.72
19CD	25C6	184CA	91.40	19CD	25C6	184CB	96.57
19CD	25C6	19NE2	14.56	19CA	25C6	190E1	55.80
19CA	25C6	19N	18.35	19CA	25C6	1830	45.71
19CA	25C6	21N	70.13	19CA	25C6	184CA	75.80
19CA	25C6	184CB	92.14	19CA	25C6	19NE2	62.13
190E1	25C6	19N	64.68	190E1	25C6	184CE2	61.31
190E1	25C6	1830	54.29	190E1	25C6	184CA	77.83
190E1	25C6	184CB	81.20	190E1	25C6	19NE2	26.71
19N	25C6	1830	34.10	19N	25C6	21N	81.52
19N	25C6	184CA	60.05	19N	25C6	184CB	77.37
19N	25C6	19NE2	77.44	184CE2	25C6	1830	69.91
184CE2	25C6	184CA	58.41	184CE2	25C6	184CB	44.79
184CE2	25C6	19NE2	77.70	1830	25C6	184CA	32.25
1830	25C6	184CB	46.82	1830	25C6	19NE2	78.49
21N	25C6	19NE2	80.31	184CA	25C6	184CB	17.72
200	2507	21CA	42.87	200	2507	20C	13.38
200	2507	21C	58.81	200	2507	19CD	93.04

			T/	BLE XIX			
200	2507	210	73.65	200	2507	220	77.10
200	2507	21N	27.93	200	2507	19CG	74.84
200	2507	190E1	98.59	200	2507	184CD1	93.22
200	2507	19CB	66.24	21CA	2507	20C	34.50
21CA	2507	19NE2	96.98	21CA	2507	21C	20.45
21CA	2507	19CD	99.50	21CA	2507	210	32.06
21CA	2507	220	59.78	21CA	2507	21N	18.66
21CA	2507	19CG	84.02	21CA	2507	19CB	87.69
20C	2507	19NE2	92.76	20C	2507	21C	47.32
20C	2507	19CD	85.47	20C	2507	210	62.79
20C	2507	220	64.15	20C	2507	21N	16.77
20C	2507	19CG	67.03	20C	2507	190E1	93.62
20C	2507	184CD1	98.91	20C	2507	19CB	62.11
19NE2	2507	21C	79.95	19NE2	2507	19CD	17.34
19NE2	2507	184NE1	69.42	19NE2	2507	210	80.15
19NE2	2507	220	37.30	19NE2	2507	21N	90.94
19NE2	2507	19CG	30.25	19NE2	2507	190E1	27.55
19NE2	2507	184CD1	74.17	19NE2	2507	19CB	45.70
21C	2507	19CD	86.46	21C	2507	210	15.78
21C	2507	220	43.07	21C	2507	21N	30.95
21C	2507	19CG	74.61	21C	2507	19CB	83.86
19CD	2507	184NE1	58.81	19CD	2507	210	90.75
19CD	2507	220	44.18	19CD	2507	21N	88.47
19CD	2507	19CG	18.45	19CD	2507	190E1	14.37
19CD	2507	184CD1	60.00	19CD	2507	19CB	29.83
184NE1	2507	19CG	69.06	184NE1	2507	190E1	44.47
184NE1	2507	184CD1	15.81	184NE1	2507	19CB	60.87
210	2507	220	46.84	210	2507	21N	46.16
210	2507	19CG	82.83	210	2507	19CB	95.13
220	2507	21N	56.64	220	2507	19CG	37.32
220	2507	190E1	58.55	220	2507	19CB	52.98
21N	2507	19CG	70.99	21N	2507	190E1	99.59
21N	2507	19CB	71.16	19CG	2507	190E1	28.77
19CG	2507	184CD1	65.14	19CG	2507	19CB	17.77
190E1	2507	184CD1	46.81	190E1	2507	19CB	32.36
	*	19CB	The first transfer of the second		25C8	184NE1	74.20
19NE2	25C8	19CD	17.18	19NE2	25C8	200	86.21
19NE2	25C8	190E1	28.35	19NE2	25C8	220	35.57

			T.	ABLE XIX			
19NE2	25C8	210	77.21	된 기약 시작되기만	25C8	184CE2	85.22
184NE1	25C8	19CD	60.55	184NE1	25C8	200	90.70
184NE1	25C8	190E1	46.23	184NE1	25C8	184CE2	14.61
19CD	25C8	200	76.90	19CD	25C8	190E1	15.08
19CD	25C8	220	42.30	19CD	25C8	210	84.98
19CD	25C8	184CE2	73.32	200	25C8	190E1	83.60
200	25C8	220	62.93	200	25C8	210	59.11
190E1	25C8	220	57.39	190E1	25C8	184CE2	58.44
220	25C8	210	42.86	184NE1	25C9	19CD	81.47
184NE1	25C9	190E1	63.24	184NE1	25C9	184CE2	17.78
184NE1	25C9	184CD1	15.24	184NE1	25C9	184CZ2	36.54
184NE1	25C9	19CG	84.02	184NE1	25C9	162NE2	48.91
184NE1	25C9	162CD2	64.08	184NE1	25C9	19CB	68.93
19NE2	25C9	19CD	22.29	こくぎ かんか あって	25C9	190E1	38.48
19NE2	25C9	184CD1	96.98	19NE2	25C9	19CG	31.33
19NE2	25C9	162NE2	73.61	19NE2	25C9	220	33.83
19NE2	25C9	162CD2	72.04	19NE2	25C9	19CB	48.00
19CD	25C9	190E1	20.30	19CD	25C9	184CE2	96.87
19CD	25C9	184CD1	75.05	19CD	25C9	19CG	16.69
19CD	25C9	162NE2	65.70	19CD	25C9	220	43.91
19CD	25C9	162CD2	70.64	19CD	25C9	19CB	28.29
190E1	25C9	184CE2	77.36	190E1	25C9	184CD1	59.86
190E1	25C9	184CZ2	88.34	190E1	25C9	19CG	32.36
190E1	25C9	162NE2	47.50	190E1	25C9	220	64.20
190E1	25C9	162CD2	55.96	190E1	25C9	19CB	33.06
184CE2	25C9	184CD1	31.58	184CE2	25C9	184CZ2	19.41
184CE2	25C9	162NE2	49.67	184CE2	25C9	162CD2	61.51
184CE2	25C9	19CB	86.67	184CD1	25C9		
		19CG					
184CD1	25C9	162CD2	75.48	184CD1	25C9	19CB	57.22
		162NE2					
		162NE2					
		162CD2					
		162CD2					
		19CB					
		184CZ2					
		184CE2					
		190E1					

		TA	BLE XIX		
184NE1	25C10 19CD	70.87	184NE1	25C10 184CD1	8.43
184NE1	25C10 162CG	77.88	184NE1	25C10 184CH2	49.27
184NE1	25C10 162CE1	51.80	184CZ2	25C10 184CE2	21.41
184CZ2	25C10 162CD2	68.85	184CZ2	25C10 19OE1	92.45
184CZ2	25C10 162NE2	58.15	184CZ2	25C10 184CD1	50.03
184CZ2	25C10 162CG	61.13	184CZ2	25C10 184CH2	7.67
184CZ2	25C10 162CE1	46.19	19NE2	25C10 162CD2	81.68
19NE2	25C10 190E1	34.40	19NE2	25C10 162NE2	79.07
19NE2	25C10 19CD	18.69	19NE2	25C10 184CD1	83.31
19NE2	25C10 162CG	94.78	19NE2	25C10 162CE1	90.70
184CE2	25C10 162CD2	73.19	184CE2	25C10 19OE1	75.46
184CE2	25C10 162NE2	56.50	184CE2	25C10 19CD	90.32
184CE2	25C10 184CD1	28.64	184CE2	25C10 162CG	70.03
184CE2	25C10 184CH2	28.62	184CE2	25C10 162CE1	47.27
162CD2	25C10 19OE1	63.96	162CD2	25C10 162NE2	20.18
162CD2	25C10 19CD	77.09	162CD2	25C10 184CD1	81.08
162CD2	25C10 162CG	13.20	162CD2	25C10 184CH2	71.00
162CD2	25C10 162CE1	25.99	190E1	25C10 162NE2	52.28
190E1	25C10 19CD	17.69	190E1	25C10 184CD1	53.34
190E1	25C10 162CG	76.09	190E1	25C10 184CH2	99.88
190E1	25C10 162CE1	61.59	162NE2	25C10 19CD	68.59
162NE2	25C10 184CD1	60.95	162NE2	25C10 162CG	26.84
162NE2	25C10 184CH2	62.65	162NE2	25C10 162CE1	12.34
19CD	25C10 184CD1	64.80	19CD	25C10 162CG	90.03
19CD	25C10 162CE1	78.73	184CD1	25C10 162CG	84.10
184CD1	25C10 184CH2	57.23	184CD1	25C10 162CE1	57.81
162CG	25C10 184CH2	61.82	162CG	25C10 162CE1	26.29
184CH2	25C10 162CE1	50.38	184CZ2	25C11 184NE1	33.44
184CZ2	25C11 162CD2	58.33	184CZ2	25C11 184CE2	16.76
	25C11 19NE2				
184NE1	25C11 162CD2	59.46	184NE1	25C11 184CE2	17.00
184NE1	25C11 19NE2	65.09	184NE1	25C11 162NE2	43.40
162CD2	25C11 184CE2	59.69	162CD2	25C11 19NE2	64.20
	25C11 162NE2				
	25C11 162NE2				
	25S14 184CZ2				
	25S14 162CB				•
162CD2	25S14 162NE2	15.75	162CD2	25S14 1610D1	86.18

		TA	BLE XIX		
162CD2	25S14 184CH	2 70.43	184CZ2	25S14 162CG	63.65
184CZ2	25S14 162CB	78.78	184CZ2	25S14 162NE2	49.18
184CZ2	25S14 184CH	2 14.76	162CG	25S14 162CB	20.04
162CG	25S14 1610	60.62	162CG	25S14 162NE2	28.04
162CG	25S14 1610D	L 69.44	162CG	25S14 184CH2	65.75
162CB	25S14 1610	46.23	162CB	25S14 162NE2	47.97
162CB	25S14 1610D	L 50.06	162CB	25S14 184CH2	76.80
1610	25S14 162NE	81.07	1610	25S14 161OD1	48.28
162NE2	25S14 1610D	97.37	162NE2	25S14 184CH2	58.34
1610D1	25S14 184CH2	95.88	184CZ2	25015 184CH2	22.20
184CZ2	25015 162CG	77.78	184CZ2	25015 162CD2	73.98
184CZ2	25015 1370	88.43	184CZ2	25015 162CB	96.58
184CZ2	25015 184CE2	11.44	184CZ2	25015 137CB	79.42
184CZ2	25015 162ND1	62.04	184CZ2	25015 162NE2	56.17
184CZ2	25015 162CE	49.68	184CZ2	25015 137C	97.15
184CZ2	25015 184NE1	27.38	184CZ2	25015 184CZ3	22.14
184CH2	25015 162CG	83.63	184CH2	25015 162CD2	86.91
184CH2	25015 1370	66.28	184CH2	25015 162CB	97.10
184CH2	25015 184CE2	33.64	184CH2	25015 137СВ	63.34
184CH2	25015 162ND1	65.67	184CH2	25015 162NE2	70.78
184CH2	25015 162CE1	59.07	184CH2	25015 137C	75.65
184CH2	25015 184NE1	49.58	184CH2	25015 184CZ3	0.44
162CG	25015 162CD2	20.14	162CG	25015 1370	98.89
162CG	25015 162CB	21.58	162CG	25015 184CE2	75.94
162CG	25015 137CB	60.62	162CG	25015 162ND1	18.08
162CG	25015 162NE2	30.14	162CG	25015 1610D1	74.08
162CG	25015 162CE1		162CG	25015 137C	90.40
162CG	25015 184NE1	73.88	162CG	25015 184CZ3	84.03
162CD2	25015 162CB	38.15	162CD2	25015 184CE2	68.37
162CD2	25015 137CB	79.85	162CD2	25015 162ND1	30.08
162CD2	25015 162NE2	17.97	162CD2	25015 1610D1	89.07
162CD2	25015 162CE1	28.23	162CD2	25015 184NE1	61.40
	25015 184CZ3	. 19	1370	25015 162CB	88.99
1370	25015 184CE2	99.87	1370	25015 137CB	38.31
1370	25015 162ND1	89.22		25015 1610D1	
1370	25015 162CE1	99.08	1370	25015 137C	13.71
	25015 184CZ3		and the second of the second	25015 184CE2	night myyen i
162CB	25015 137CB	53.88	162CB	25015 162ND1	34.56

		T/	BLE XIX		
162CB	25015 162NE2	51.49		25015 1610D1	52.55
162CB	25015 162CE1	48.77	162CB	25015 137C	77.54
162CB	25015 184NE1	95.45	162CB	25015 184CZ3	97.53
184CE2	25015 137CB	88.43	184CE2	25015 162ND1	62.44
184CE2	25015 162NE2	50.44	184CE2	그 사이 하는 사람이 되면 하다. 사람들은 가운데	47.79
184CE2	25015 184NE1	15.94	184CE2	25015 184CZ3	33.57
137СВ	25015 162ND1	52.03	137СВ	25015 162NE2	80.03
137CB	25015 1610D1	58.03	137CB		64.80
137CB	25015 137C	32.11	137CB	25015 184CZ3	63.70
162ND1	25015 162NE2	28.43	162ND1	25015 1610D1	83.20
162ND1	25015 162CE1	16.55	162ND1	25015 137C	84.06
162ND1	25015 184NE1	64.50	162ND1	25015 184CZ3	66.08
162NE2	25015 162CE1	16.59	162NE2	25015 184NE1	44.67
162NE2	25015 184CZ3	71.04	1610D1	25015 162CE1	99.43
1610D1	25015 137C	51.29	162CE1	25015 137C	96.68
162CE1	25015 184NE1	48.13	162CE1	25015 184CZ3	59.41
137C	25015 184CZ3	75.83	184NE1	25015 184CZ3	49.51
1610D1	25016 1610	49.89	1610D1	25016 161CG	14.03
1610	25016 161CG	47.85	162CD2	25N17 162CG	24.82
162CD2	25N17 1610	98.82	162CD2	25N17 162CB	49.71
162CD2	25N17 162CA	57.32	162CD2	25N17 162NE2	15.00
162CD2	25N17 161C	92.83	162CD2	25N17 25SG	58.11
162CD2	25N17 162N	75.97	162CD2	25N17 162ND1	25.66
162CD2	25N17 162CE1	19.01	162CD2	25N17 184CZ2	61.54
162CD2	25N17 25CB	41.82	162CG	25N17 1610	86.86
162CG	25N17 162CB	26.56	162CG	25N17 162CA	42.37
162CG	25N17 162NE2	34.27	162CG	25N17 161C	76.28
162CG	25N17 25SG	73.91	162CG	25N17 162N	58.18
				25N17 1610D1	
				25N17 184CZ2	
				25N17 162CB	
1610	25N17 162CA	44.51	1610	25N17 161C	15.53
1610	25N17 25SG	72.13	1610	25N17 162N	31.00
1610	25N17 162ND1	97.99	1610	25N17 1610D1	55.13
				25N17 162CA	
162CB	25N17 162NE2	60.78	162CB	25N17 161C	51.89
				25N17 162N	
				25N17 1610D1	

		TA	BLE XIX		
162CB	25N17 162CE1	50.58	162CB	25N17 184CZ2	81.16
162CB	25N17 25CB	79.93	162CA	그 가장의 물이 되었다면서 있다면 하다.	71.74
162CA	25N17 161C	35.58	162CA	25N17 25SG	65.34
162CA	25N17 162N	19.04	162CA	25N17 162ND1	53.71
162CA	25N17 1610D1	60.49	162CA	25N17 162CE1	66.39
162CA	25N17 25CB	71.10	162NE2	25N17 25SG	65.94
162NE2	25N17 162N	89.98	162NE2	25N17 162ND1	29.38
162NE2	25N17 162CE1	14.46	162NE2	25N17 184CZ2	48.97
162NE2	25N17 25CB	46.17	161C	25N17 25SG	80.41
161C	25N17 162N	18.12	161C	25N17 162ND1	86.43
161C	25N17 1610D1	42.82	161C	25N17 25CB	95.81
25SG	25N17 162N	77.28	25SG	25N17 162ND1	81.39
25 <i>S</i> G	25N17 162CE1	76.71	25SG	25N17 25CB	21.56
162N	25N17 162ND1	68.34	162N	25N17 1610D1	45.06
162N	25N17 162CE1	82.88	162N	25N17 25CB	87.52
162ND1	25N17 1610D1	83.28	162ND1	25N17 162CE1	16.35
162ND1	25N17 184CZ2	51.35	162ND1	25N17 25CB	67.28
1610D1	25N17 162CE1	99.02	1610D1	25N17 184CZ2	99.72
162CE1	25N17 184CZ2	43.80	162CE1	25N17 25CB	58.69
184CZ2	25N17 25CB	91.04	1610	25C18 25SG	88.17
1610	25C18 162CD2	89.98	1610	25C18 162CA	40.67
1610	25C18 161C	9.73	1610	25C18 162CG	74.76
1610	25C18 162CB	55.30	1610	25C18 162N	24.42
25SG	25C18 162CD2	63.21	25SG	25C18 162CA	69.19
25 <i>S</i> G	25C18 161C	89.73	25SG	25C18 162CG	72.88
25 <i>S</i> G	25C18 162CB	81.01	25 <i>S</i> G	25C18 25CB	22.17
25 <i>S</i> G	25C18 19NE2	60.90	25SG	25C18 162NE2	64.84
25SG	25C18 162N	81.28	162CD2		49.41
162CD2	25C18 161C	82.11	162CD2	25C18 162CG	17.90
162CD2	25C18 162CB	38.19	162CD2	25C18 25CB	48.19
162CD2	25C18 19NE2	74.06	162CD2	25C18 162NE2	11.85
162CD2	25C18 162N	65.91	162CA	25C18 161C	33.66
162CA	25C18 162CG	35.77	162CA	25C18 162CB	21.19
162CA	25C18 25CB	73.11	162CA	25C18 162NE2	61.26
162CA	25C18 162N	17.67	161C	25C18 162CG	66.10
161C	25C18 162CB	46.17	161C	25C18 162NE2	93.83
161C	25C18 162N	16.25	162CG	25C18 162CB	20.62
162CG	25C18 25CB	62.56	162CG	25C18 19NE2	91.91

			TA	BLE XIX			
162CG	25C18 1	62NE2	مخروم خرفات كالأراب		25C18	162N	50.34
162CB	25C18	25CB	77.17	162CB	25C18	162NE2	
162CB	25C18 1	62N	31.21	25CB	25C18	19NE2	46.45
25CB	25C18 1	62NE2	46.22	25CB	25C18	162N	89.13
19NE2	25C18 1	62NE2	63.90	162NE2	25C18	162N	77.68
25SG	25C19	25CB	31.14	25 <i>S</i> G	25C19	162CD2	72.89
25SG	25C19 1	510	97.36	25SG	25C19	19NE2	87.55
25SG	25C19	25N	42.09	25 <i>S</i> G	25C19	25CA	29.35
25SG	25C19	23CA	99.22	25SG	25C19	162CA	71.95
25 <i>S</i> G	25C19	230	76.04	25SG	25C19	23C	80.42
25SG	25C19 1	52CG	75.66	25SG	25C19	162NE2	71.54
25SG	25C19	L9CD	78.54	25SG	25C19	190E1	73.25
25SG	25C19 1	51C	92.06	25 <i>S</i> G	25C19	162CB	81.06
25CB	25C19 1	52CD2	57.89	25CB	25C19	19NE2	60.82
25CB	25C19	25N	33.86	25CB	25C19	25CA	15.34
25CB	25C19	23CA	90.78	25CB	25C19	162CA	81.46
25CB	25C19	230	81.85	25CB	25C19	23C	77.61
25CB	25C19 1	52CG	67.35	25CB	25C19	162NE2	50.15
25CB	25C19	L9CD	49.61	25CB	25C19	190E1	42.26
25CB	25C19 16	S2CB	81.00	162CD2	25C19	1610	78.28
162CD2	25C19	9NE2	84.27	162CD2	25C19	25N	90.80
162CD2	25C19 2	25CA	73.23	162CD2	25C19	162CA	45.80
162CD2	25C19 16	i2CG	13.99	162CD2	25C19	162NE2	13.84
162CD2	25C19	.9CD	72.50	162CD2	25C19	190E1	57.48
162CD2	25C19 16	1C	71.45	162CD2	25C19	162CB	32.02
1610	25C19 16	2CA	36.90	5 - 7 - 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	25C19	AND ALTER CAR LINE	64.31
	25C19 16	National Control of the	92.09	1610	25C19	161C	7.56
				19NE2	25C19	25N	50.87
19NE2	25C19 2	5CA	58.20	19NE2	25C19	23CA	48.05
						23C	
		Control of the control of	a the state of the first second			162NE2	
19NE2	25C19 1	9CD	13.21	19NE2	25C19	190E1	27.94
25N	25C19 2	5CA	19.24	25N	25C19	23CA	59.89
25N	25C19 2	30	48.33	25N	25C19	23C	44.21
						19CD	
						23CA	
	A 10 (1) (1) (1) (1) (1) (1) (1)			.5.1		230	
25CA	25C19 2	3C	63.45	25CA	25C19	162CG	82.49

			TA	BLE XIX			
25CA	25C19	162NE2	65.00	25CA	25C19	19CD	49.86
25CA	25C19	190E1	47.62	25CA	25C19	162CB	95.23
23CA	25C19	230	31.44	23CA	25C19	23C	19.68
23CA	25C19	19CD	59.89	23CA	25C19	190E1	75.03
162CA	25C19 1	62CG	32.75	162CA	25C19	162NE2	59.16
162CA	25C19 1	61C	29.34	162CA	25C19	162CB	18.30
230	25C19	23C	15.83	230	25C19	19CD	75.71
230	25C19	190E1	88.43	23C	25C19	19CD	61.25
23C	25C19	190E1	74.96	162CG	25C19	162NE2	27.82
162CG	25C19	19CD	86.48	162CG	25C19	190E1	71.46
162CG	25C19 1	61C	57.47	162CG	25C19	162CB	18.04
162NE2	25C19	19CD	58.67	162NE2	25C19	190E1	43.65
162NE2	25C19 1	61C	85.29	162NE2	25C19	162CB	45.84
19CD	25C19	190E1	15.17	190E1	25C19	162CB	89.49
161C	25C19 1	62CB	39.48	19NE2	25020	25 <i>S</i> G	93.68
19NE2	25020	23CA	67.16	19NE2	25020	25CB	65.25
19NE2	25020	23C	68.09	19NE2	25020	19CD	11.46
19NE2	25020	230	84.29	19NE2	25020	25N	55.54
19NE2	25020	190E1	27.77	19NE2	25020	24N	52.93
19NE2		62CD2	84.48	19NE2	25020	23N	61.60
19NE2		25CA	59.16	19NE2	25020	220	33.73
25 <i>S</i> G	25020	25CB	29.49	25SG	25020	23C	86.92
25SG		19CD	84.98	25 <i>S</i> G	25020	230	77.98
25SG		25N	47.84	25SG	25020	190E1	75.69
25SG	25020	2 <b>4</b> N	81.49	25SG	25020	162CD2	54.46
25 <b>S</b> G		25CA	35.73	25 <i>S</i> G	25020	1610	62.50
23CA	25020	23C	23.99	23CA	25020	19CD	77.34
23CA		230	36.67	23CA	25020	25N	69.78
23CA	25020 1	l90E1	93.50	23CA	25020	24N	33.03
23CA		23N	10.73	23CA	25020	25CA	87.65
		20	36.27	25CB	25020	23C	83.77
25CB			55.78	25CB	25020	230	83.59
25CB			34.83	25CB	25020	190E1	46.44
	25020 2		71.21	25CB	25020 1	62CD2	47.80
25CB	25020 2		16.76	25CB	25020	220	91.65
25CB	25020 16		85.05	23C	25020	5.5	75.06
23C	25020 2			23C	25020		49.05
23C	25020 1	90E1	88.41	23C	25020	24N	16.95

		TA	BLE XIX		
23C	25020 23N	33.23	23C	25020 25CA	67.04
23C	25020 220	47.64	19CD	25020 230	89.75
19CD	25020 25N	52.63	19CD	25020 190E1	16.53
19CD	25020 24N	58.75	19CD	25020 162CD2	73.33
19CD	25020 23N	72.54	19CD	25020 25CA	52.30
19CD	25020 220	45.08	230	25020 25N	51.85
230	25020 24N	31.38	230	25020 23N	47.25
230	25020 25CA	68.11	230	25020 220	65.37
25N	25020 190E1	55.38	25N	25020 24N	36.84
25N	25020 162CD2	82.30	25N	25020 23N	74.87
25N	25020 25CA	18.06	25N	25020 220	66.79
190E1	25020 24N	71.53	190E1	25020 162CD2	56.81
190E1	25020 23N	89.05	190E1	25020 25CA	48.64
190E1	25020 220	61.51	24N	25020 23N	38.39
24N	25020 25CA	54.62	24N	25020 220	40.31
162CD2	25020 25CA	64.39	162CD2	25020 1610	59.56
23N	25020 25CA	92.03	23 <b>N</b>	25020 220	28.59
25CA	25020 220	79.45	25CA	25020 1610	97.28
25 <i>S</i> G	25C21 1610	94.20	25SG	25C21 23O	80.20
25sg	25C21 25CB	11.32	25SG	25C21 23C	74.97
25SG	25C21 161C	90.47	25 <i>S</i> G	25C21 23CA	85.24
25 <i>S</i> G	25C21 162CA	61.66	25 <i>S</i> G	25C21 25N	34.26
25 <i>S</i> G	25C21 162CD2	42.75	1610	25C21 25CB	99.42
1610	25C21 161C	6.02	1610	25C21 162CA	32.54
1610	25C21 162CD2	63.74	230	25C21 25CB	75.76
230	25C21 23C	15.44	230	25C21 65CA	51.45
230	25C21 23CA	31.46	230	25C21 25N	46.40
25CB	25C21 23C	68.05	25CB	25C21 161C	96.56
25CB	25C21 23CA	75.96	25CB	25C21 162CA	67.42
25CB	25C21 25N	29.59	25CB	25C21 162CD2	41.05
23C	25C21 65CA	65.91	23C	25C21 23CA	19 15
23C	25C21 25N	41.03	65CA	25C21 23CA	74.18
65CA	25C21 25N	90.25	161C	25C21 162CA	29.15
161C	25C21 162CD2	63.15	23CA	25C21 25N	54.22
23CA	25C21 162CD2	99.59	162CA	25C21 25N	95.84
162CA	25C21 162CD2	38.23	25N	25C21 162CD2	69.67
1610	25N22 161C	14.11	1610	25N22 162CA	41.10
1610	25N22 162N	27.68	1610	25N22 163N	72.60

*			TAT	T P SEESE			
1610	25N22 16	2C '		SLE XIX 1610	25N22	161CA	21.99
25SG	25N22 16		4.63	25SG	25N22		94.42
25 <b>S</b> G	25N22 16		9.02	25SG	25N22	25CB	3.31
25 <i>S</i> G	25N22 16			161C	25N22		35.66
161C	25N22 16			161C	25N22	e Barrie	63.91
161C	25N22 16			161C	af fire to the same	161CA	15.87
162CA	25N22 16		그것 보다 하는데	162CA	25N22		32.40
162CA	25N22 2			162CA	25N22		17.88
162CA	25N22 16			162N	25N22		46.46
162N	25N22 2			162N	25N22	8. 1. 1	29.99
162N	25N22 16			163N	and the Committee of th	25CB	56.10
163N	25N22 16		:30901.61 NY	163N	25N22		76.35
25CB	25N22 16	26.00/1.400/2016		162C	25N22		60.36
1610	25C23 2	5 <i>S</i> G 7		1610	25C23	100	14.77
1610	25C23 16	2N 2	81289 (P.L	1610	25C23		32.09
1610	25C23 16	lCA 2	6.81	25SG	25C23		82.13
25 <i>S</i> G	25C23 6	5CA 9	8.69	25 <i>S</i> G	25C23		73.79
25 <i>S</i> G	25C23 16	2CA 5	7.15	25SG	25C23	26CD1	66.11
25SG	25C23 16	lCA 9	9.24	25SG	25C23	26CB	66.49
161C	25C23 16	2N 1	4.87	161C	25C23	162CA	29.26
161C	25C23 16	lca 1	7.21	660	25C23	65CA	69.84
660	25C23 6	5N 3	7.37	660	25C23	65C	52.20
660	25C23 2	6CD1 5	4.29	660	25C23	26CB	42.11
65CA	25C23 6	5N 3	2.68	65CA	25C23	65C	17.67
65CA	25C23 2	6CD1 4	8.54	65CA	25C23	26CB	74.99
66N	25C23 6	5C 1	5.04	66N	25C23	26CD1	43.34
66N				162N	25C23	162CA	17.00
	25C23 16	sakirin Yang barbaran	9.22	L62CA	25C23	161CA	45.57
	25C23 26		the special or still a	65C			63.55
	25C23 26	CB 2	9.73	65CA	25024	66N	44.96
65CA	25024 65	C 2	4.04	65CA	25024	660	88.80
65CA						26CD1	59.03
	25024 66						76.00
	25024 64			1 473			51.20
	3.4 4						87.37
		0 2.		65CA	25024	64C	20.95
66N	25024 65	; # 1	0.92	66N	25024	660	44.37
66N	25024 65	N 5	5.05	66N	25024	26CD1	51.61

			T	BLE XIX			
66N	25024	66CA	11.81	66N	25024	66C	31.20
66N	25024	640	68.01	66N	25024	230	77.65
66N	25024	26CG	49.90	66N	25024	26CB	61.70
66N	25024	650	21.59	66N	25024	64C	64.08
65C	25024	660	65.02	65C	25024	65N	35.18
65C	25024	26CD1	51.98	65C	25024	66CA	32.73
65C	25024	66C	52.03	65C	25024	640	49.51
65C	25024	230	64.02	65C	25024	26CG	57.07
65C	25024	26CB	72.88	65C	25024	650	0.87
65C	25024	64C	43.58	660	25024	65N	99.41
660	25024	26CD1	61.59	660	25024	66CA	32.76
660	25024	66C	13.43	660	25024	26CG	47.99
660	25024	26CB	43.51	660	25024	650	65.76
65N	25024	26CD1	62.12	65N	25024	66CA	67.82
65N	25024	66C	86.89	65N	25024	640	27.80
65N	25024	230	45.06	65N	25024	26CG	74.86
65N	25024	26CB	92.41	65N	25024	650	34.57
65N	25024	64C	14.20	26CD1	25024	25SG	67.04
26CD1	25024	66CA	53.75	26CD1	25024	66C	58.39
26CD1	25024	640	89.45	26CD1	25024	230	41.01
26CD1	25024	26CG	15.28	26CD1	25024	26CB	31.14
26CD1	25024	650	52.64	26CD1	25024	64C	76.32
25 <i>S</i> G	25024	1610	59.11	25SG	25024	230	57.25
25SG	25024	26CG	69.72	25SG	25024	26CB	63.45
66CA	25024	66C	19.46	66CA	25024	640	78.88
66CA	25024	230	85.60	66CA	25024	26CG	48.11
66CA	25024	26CB	56.41	66CA	25024	650	33.40
66CA	25024	64C	75.76	66C	25024	640	97.72
66C	25024	230	96.86	66C	25024	26CG	47.34
66C	Armania is	26CB	48.38	66C	25024	650	52.74
	25024	64C	95.21	640	25024	230	69.05
640		650	48.66	640	25024	64C	14.27
230	25024	26CG	55.76	230	25024	26CB	67.79
	· 操作的 的复数医毒素	650	64.06	art falling to see	25024	64C	55.23
26CG		26CB	17.62	26CG	25024	650	57.87
2.6CG		64C	88.94		25024	•	73.72
650	25024		42.81	1610	25C25	161C	18.10
610	25C25 1	.62N	30.50	1610	25C25	161CA	32.52

		TABLE XIX		
1610	25C25 163N	64.43 1610	25C25 25SG	63.34
1610	25C25 162CA	35.10 1610	25C25 162C	53.40
1610	25C25 163CB	93.18 660	25C25 25SG	99.66
660	25C25 66N	34.44 660	25C25 163CB	83.50
161C	25C25 162N	17.33 161C	25C25 161CA	19.80
161C	25C25 163N	60.64 161C	25C25 25SG	75.44
161C	25C25 162CA	30.92 161C	25C25 162C	46.09
161C	25C25 163CB	89.51 162N	25C25 161CA	32.24
162N	25C25 163N	44.92 162N	25C25 25SG	71.34
162N	25C25 162CA	18.08 162N	25C25 162C	29.44
162N	25C25 163CB	73.04 161CA	25C25 163N	77.08
161CA	25C25 25SG	94.58 161CA	25C25 162CA	49.19
161CA	25C25 162C	61.23 163N	25C25 25SG	49.61
163N	25C25 162CA	30.25 163N	25C25 162C	16.24
163N	25C25 163CB	29.19 25SG	25C25 162CA	54.70
25SG	25C25 162C	58.88 25SG	25C25 66N	88.50
25SG	25C25 163CB	57.12 162CA	25C25 162C	18.49
162CA	25C25 163CB	59.44 162C	25C25 163CB	43.61
660	25C26 26CB	56.41 660	25C26 66C	2.37
660	25C26 26CA	74.83 660	25C26 68SD	74.84
660	25C26 66N	33.64 660	25C26 26N	86.28
660	25C26 26CG	50.23 660	25C26 26CD1	56.63
163CB	25C26 26CB	71.13 163CB	25C26 163N	35.96
163CB	25C26 25SG	68.31 163CB	25C26 163CA	18.75
163CB	25C26 26CA	53.74 163CB	25C26 162C	49.97
163CB	25C26 68SD	50.69 163CB	25C26 1610	96.76
163CB	25C26 26N	55.09 163CB	25C26 26CG	85.31
163CB	25C26 162CA	65.37 163CB	25C26 161C	92.67
163CB	25C26 162N	78.07 163CB	25C26 26CD1	92.73
26CB	25C26 163N	98.44 26CB	25C26 25SG	73.00
26CB	25C26 163CA	88.50 26CB	25C26 66C	55.68
26CB	25C26 26CA	18.86 26CB	25C26 68SD	60.85
26CB	25C26 66N	60.69 26CB	25C26 26N	31.12
		15.82 26CB		
163N	25C26 25SG	54.34 163N	25C26 163CA	19.23
		79.60 163N		16.17
163N	25C26 68SD	84.27 163N	25C26 1610	61.07
163N	25C26 26N	71.27 163N	25C26 162CA	29.41

333 333		TABLE XIX		
163N	25C26 161C	57.02 163N	25C26 162N	43.18
25SG	25C26 163CA	65.77 25SG	25C26 26CA	61.96
25SG	25C26 162C	61.73 25sg	25C26 1610	58.28
25SG	25C26 66N	92.45 25SG	25C26 26N	44.25
25SG	25C26 26CG	71.07 25SG	25C26 162CA	54.19
25 <i>S</i> G	25C26 161C	68.75 25SG	25C26 162N	67.87
25SG	25C26 26CD1	61.51 163CA	25C26 26CA	70.22
163CA	25C26 162C	31.46 163CA	25C26 68SD	65.05
163CA	25C26 1610	79.96 163CA	25C26 26N	67.43
163CA	25C26 162CA	47.86 163CA	25C26 161C	74.37
163CA	25C26 162N	59.50 66C	25C26 26CA	74.25
66C	25C26 68SD	76.55 66C	25C26 66N	31.36
66C	25C26 26N	85.17 66C	25C26 26CG	48.83
66C	25C26 26CD1	54.70 26CA	25C26 162C	95.72
26CA	25C26 68SD	58.01 26CA	25C26 66N	77.90
26CA	25C26 26N	17.81 26CA	25C26 26CG	31.59
26CA	25C26 26CD1	40.72 162C	25C26 68SD	93.90
162C	25C26 1610	49.88 162C	25C26 26N	86.44
162C	25C26 162CA	18.09 162C	25C26 161C	42.92
162C	25C26 162N	28.10 68SD	25C26 26N	73.74
68SD	25C26 26CG	75.07 68SD	25C26 26CD1	90.33
1610	25C26 162CA	32.21 1610	25C26 161C	14.49
1610	25C26 162N	26.44 66N	25C26 26N	79.75
66N	25C26 26CG	46.31 66N	25C26 26CD1	41.21
26N	25C26 26CG	36.93 26N	25C26 162CA	89.41
26N	25C26 26CD1	38.63 26CG	25C26 26CD1	15.55
162CA	25C26 161C	28.03 162CA	25C26 162N	16.67
		15.37 163CB		
		20.61 163CB		
163CB	25C27 68CE	66.45 163CB	25C27 134CB	82.27
		68.13 163CB		
		55.96 163CB		50.39
		85.83 68SD		78.97
		98.79 68SD		
		86.61 68SD		
		65.47 68SD		
	the state of the s	60.55 68SD	25C27 67CA	62.19
660	25C27 26CB	49.09 660	25C27 66C	4.22

		TABLE XIX		
660	25C27 26CA	66.81 660	25C27 67CA	32.70
163CA	25C27 163N	20.52 163CA	25C27 68CE	72.92
163CA	25C27 134CB	68.04 163CA	25C27 26CB	86.68
163CA	25C27 162C	32.08 163CA	25C27 1620	35.38
163CA	25C27 26CA	69.20 163N	25C27 68CE	93.00
163N	25C27 134CB	74.40 163N	25C27 26CB	90.05
163N	25C27 162C	16.34 163N	25C27 1620	27.46
163N	25C27 26CA	74.74 68CE	25C27 134CB	59.27
68CE	25C27 209CD2	56.93 68CE	25C27 26CB	92.20
68CE	25C27 162C	98.29 68CE	25C27 1620	89.77
68CE	25C27 26CA	84.17 68CE	25C27 67CA	79.42
134CB	25C27 209CD2	45.82. 134CB	25C27 162C	65.01
134CB	25C27 1620	50.58 209CD2	25C27 1620	95.82
209CD2	25C27 67CA	79.47 26CB	25C27 66C	50.07
26CB	25C27 26CA	17.74 26CB	25C27 67CA	62.22
162C	25C27 1620	14.47 162C	25C27 26CA	90.70
66C	25C27 26CA	67.64 66C	25C27 67CA	28.48
26CA	25C27 67CA	76.24 134CB	25C28 163CB	94.94
134CB	25C28 163N	95.08 134CB	25C28 162C	86.92
134CB	25C28 1620	68.97 134CB	25C28 163CA	83.27
134CB	25C28 209CD2	54.77 134CB	25C28 134CA	19.96
134CB	25C28 162N	96.63 134CB	25C28 68CE	62.89
134CB	25C28 68SD	87.41 134CB	25C28 134C	23.58
134CB	25C28 161N	87.00 163СВ	25C28 163N	38.06
163CB	25C28 162C	57.44 163CB	25C28 1620	66.17
163CB	25C28 163CA	22.67 163CB	25C28 134CA	78.61
163CB	25C28 162N	88.44 163CB	25C28 162CA	69.97
163CB	25C28 68CE	60.09 163CB	25C28 68SD	51.61
163CB	25C28 161C	98.14 163CB	25C28 660	84.86
163CB	25C28 134C	88.60 163CB	25C28 1610	91.88
163N	25C28 162C	20.41 163N	25C28 1620	35.09
163N	25C28 163CA	22.12 163N	25C28 134CA	75.15
			25C28 162CA	
163N	25C28 68CE	93.09 163N	25C28 68SD	89.55
163N	25C28 161C	62.08 163N	25C28 134C	76.23
163N	25C28 1610	59.80 163N	25C28 161N	83.44
162C	25C28 162O	18.65 162C	25C28 163CA	37.49
162C	25C28 134CA	68.48 162C	25C28 162N	33.45

		Ŧ	ABLE XIX		
162C	25C28 162CA	18.81	162C	25C28 161C	48.13
162C	25C28 134C	64.60		25C28 1610	50.86
162C	25C28 161N	64.31		25C28 163CA	43.61
1620	25C28 134CA	51.60	1620	25C28 162N	38.24
1620	25C28 162CA	32.12		25C28 161C	54.89
1620	25C28 134C	46.14	1711	25C28 1610	62.22
1620	25C28 161N	60.29		25C28 134CA	64.10
163CA	25C28 162N	70.64	163CA	25C28 162CA	53.50
163CA	25C28 68CE	71.06	163CA	25C28 68SD	70.42
163CA	25C28 161C	83.69	163CA	25C28 134C	70.58
163CA	25C28 1610	81.89	209CD2	25C28 134CA	73.08
209CD2	25C28 68CE	56.44	209CD2	25C28 68SD	70.67
209CD2	25C28 660	90.11	209CD2	25C28 134C	77.77
134CA	25C28 162N	84.78	134CA	25C28 162CA	83.66
134CA	25C28 68CE	63.87	134CA	25C28 68SD	86.25
134CA	25C28 161C	99.94	134CA	25C28 134C	14.94
134CA	25C28 161N	85.92	162N	25C28 162CA	18.62
162N	25C28 161C	16.67	162N	25C28 134C	73.76
162N	25C28 1610	26.48	162N	25C28 161N	33.69
162CA	25C28 161C	30.27	162CA	25C28 134C	76.50
162CA	25C28 1610	32.09	162CA	25C28 161N	52.27
68CE	25C28 68SD	24.56	68CE	25C28 66O	83.70
68CE	25C28 134C	78.45	68SD	25C28 66O	61.76
161C	25C28 134C	87.61	161C	25C28 1610	14.08
161C	25C28 161N	30.20	660	25C28 1610	96.95
134C	25C28 161N	71.12	1610	25C28 161N	43.13
660	25C29 68SD	95.60	660	25C29 67CA	46.15
660	25C29 67CD1	76.62	660		11.19
660	25C29 67N	28.20	660		68.80
660	25C29 67C	53.21	660	25C29 67CB	
660	25C29 67CG	63.57	660	25C29 234OH2	
660	25C29 26CB			25C29 67CE1	
209CD2	25C29 68SD	86.14	209CD2	25C29 67CD1	76.20
209CD2	25C29 68CE	61.12	1	25C29 68N	
209CD2	25C29 67CB	92.20			87.96
209CD2	25C29 134CB	44.39	209CD2		59.00
209CD2	25C29 67CE1	74.42	68SD	25C29 67CA	76.30
68SD	25C29 66C	94.73	68SD	25C29 68CE	26.92

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TABLE XIX

		T	ABLE XIX		
68SD	25C29 67N	86.90	68SD	25C29 68N	44.21
68SD	25C29 67C	58.54	68SD	25C29 67CB	85.01
68SD	25C29 163CB	50.89	68SD	25C29 134CB	79.09
68SD	25С29 234ОН2	57.89	68SD	25C29 26CB	61.09
67CA	25C29 67CD1	50.51	67CA	25C29 66C	35.89
67CA	25C29 68CE	93.88	67CA	25C29 67N	18.53
67CA	25C29 68N	33.04	67CA	25C29 67C	17.87
67CA	25C29 67CB	18.28	67CA	25C29 67CG	34.89
67CA	25С29 234ОН2	51.94	67CA	25C29 26CB	68.39
67CA	25C29 67CE1	64.72	67CD1	25C29 66C	66.65
67CD1	25C29 67N	56.05	67CD1	25C29 68N	72.69
67CD1	25C29 67C	65.26	67CD1	25C29 67CB	33.63
67CD1	25C29 67CG	15.94	67CD1	25C29 234OH2	57.55
67CD1	25C29 67CE1	15.80	66C	25C29 67N	17.49
66C	25C29 68N	61.93	66C	25C29 67C	45.45
66C	25C29 67CB	48.27	66C	25C29 67CG	52.89
66C	25C29 234OH2	87.82	66C	25C29 26CB	52.23
66C	25C29 67CE1	73.67	68CE	25C29 68N	61.24
68CE	25C29 67C	77.92	68CE	25C29 67CB	95.69
68CE	25C29 163CB	55.77	68CE	25C29 134CB	54.85
68CE	25C29 234OH2	55.46	68CE	25C29 26CB	86.35
67N	25C29 68N	47.83	67N	25C29 67C	30.97
67N	25C29 67CB	31.65	67N	25C29 67CG	40.58
67N	25C29 234OH2	70.44	67N	25C29 26CB	60.08
67N	25C29 67CE1	66.83	68N	25C29 67C	16.87
68N	25C29 67CB	41.26	68N	25C29 67CG	60.50
68N	25C29 163CB	90.93	68N	25C29 234OH2	36.37
68N	25C29 26CB	64.40	68N	25C29 67CE1	88.49
67C	25C29 67CB	31.65	67C	25C29 67CG	50.66
67C	25C29 163CB	99.57	67C	25C29 234OH2	46.71
67C	25C29 26CB	59.86	67C	25C29 67CE1	80.48
67CB	25C29 67CG	19.43	67CB	25C29 234OH2	44.01
67CB	25C29 26CB	86.67	67CB	25C29 67CE1	48.89
67CG	25C29 234OH2	54.79	67CG	25C29 67CE1	29.95
9.1	25C29 134CB	64.77		25С29 26СВ	55.99
	25C29 234OH2			25C29 67CE1	70.61
660	25N30 66N	36.00	660	25N30 66C	10.42
66N	25N30 66C	31.15	1610	25N30 161C	14.88

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		TA	BLE XIX		
1610	25N30 161CA	29.27	the William Control Control	25N30 1600	61.86
161C	25N30 161CA	18.36	161C	25N30 1600	49.77
161CA	25N30 1600	32.60	1600	25C31 161CA	38.22
1600	25C31 160C	13.90	1600	25C31 161C	56.07
1600	25C31 161N	27.07	1600	25C31 1610	68.03
161CA	25C31 160C	31.81	161CA	25C31 161C	19.14
161CA	25C31 161N	17.82	161CA	25C31 1610	29.81
160C	25C31 161C	46.85	160C	25C31 161N	16.04
160C	25C31 1610	60.44	161C	25C31 161N	30.84
161C	25C31 1610	14.70	660	25C31 67CE1	65.45
161N	25C31 1610	44.68	1600	25032 160C	20.78
1600	25032 161CA	51.99	1600	25032 161N	38.37
1600	25032 161C	74.30	1600	25032 160CB	45.78
1600	25032 1610	86.34	1600	25032 160CA	28.59
1600	25032 162N	77.29	1600	25032 161CB	49.03
160C	25032 161CA	42.82	160C	25032 161N	21.72
160C	25032 161C	61.05	160C	25032 160CB	36.54
160C	25032 1610	75.94	160C	25032 160CA	16.12
160C	25032 162N	59.68	160C	25032 161CB	45.43
161CA	25032 161N	24.13	161CA	25032 161C	23.46
161CA	25032 160CB	75.84	161CA	25032 1610	34.47
161CA	25032 160CA	57.38	161CA	25032 162N	33.92
161CA	25032 161CB	11.93	161N	25032 161C	39.41
	25032 160CB				54.76
161N	25032 160CA	34.01	161N	25032 162N	39.00
161N	25032 161CB	and the second of the second of	ACCOUNT OF THE 2012	. 19.0 1000 6 - 50 - 10 - 1, 2 - 1, 2 - 1 - 1	86.66
161C	25032 1610				72.47
161C	25032 162N	16.93	161C	25032 161CB	32.27
160CB	and the second s		29 4.4.2.20 5 1	25032 162N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
160CB		81.15	1610	25032 160CA	88.45
				25032 161CB	
	25032 162N				
	25032 161CB				
	25C33 67CD1				30.78
67CZ	25C33 67CD1				17.77
67CD1					9.85
1600		* 1. *	67CE1	25С34 67ОН	31.14
67CE1	25C34 67CZ	15.25	67CE1	25C34 67CD1	15.11

		TA	BLE XIX			
670H	25C34 67CZ	17.26	670н	25C34	67CD1	45.96
67CZ	25C34 67CD1	29.18	160C	25C34	160CB	29.90
67CE1	25С35 67ОН	32.70	67CE1	25C35	209CD2	77.34
67CE1	25C35 67CZ	14.99	67CE1	25C35	67CD1	16.08
67CE1	25C35 209CD1	77.10	670H	25C35	67CZ	17.98
670н	25C35 67CD1	48.74	670H	25C35	209CD1	99.59
209CD2	25C35 67CZ	92.22	209CD2	25C35	67CD1	62.32
209CD2	25C35 1600	97.37	209CD2	25C35	160CB	70.82
209CD2	25C35 209CD1	31.32	67CZ	25C35	67CD1	30.87
67CZ	25C35 209CD1	88.81	67CD1	25C35	209CD1	67.63
1600	25C35 160CB	37.56	160CB	25C35	209CD1	83.17
1600	25N36 160CB	39.26	1600	25N36	160CD1	70.13
1600	25N36 160CG	56.11	160CB	25N36	160CD1	30.89
160CB	25N36 160CG	18.76	160CD1	25N36	160CG	18.07
67CE1	25N36 67OH	27.00	1600	25C37	160CB	42.20
1600	25C37 160N	37.40	1600	25C37	160C	10.47
1600	25C37 160CA	28.50	1600	25C37	160CG	58.56
1600	25C37 1580	81.42	160CB	25C37	160N	31.80
160CB	25C37 160C	31.91	160CB	25C37	160CA	18.43
160CB	25C37 160CG	17.89	160CB	25C37	1580	70.66
160N	25C37 160C	30.12	160N	25C37	160CA	17.61
160N	25C37 160CG	36.16	160N	25C37	1580	47.06
160C	25C37 160CA	18.39	160C	25C37	160CG	48.09
160C	25C37 1580	76.49	160CA	25C37	160CG	31.12
160CA	25C37 1580	63.78	160CG	25C37	1580	60.96
1600	25N38 160C	7.90	1600	25N38	160CB	39.77
1600	25N38 160N	32.65	1600	25N38	160CA	24.13
160C	25N38 160CB	32.02	160C	25N38	160N	29.52
160C	25N38 160CA	17.57	160CB	25N38	160N	29.89
160CB	25N38 160CA	18.19	160N	25N38	160CA	17.29

### TABLE XX

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone.

Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.	Atom	1 Atom	Dist.
25C1	2420H2	3.097	25C1	180D1	3.745	25C1	184CB	3.754
25C1	184CA	3.830	25C1	18ND2	3.916	25C1	1840	3.932
25C1	184CG	3.975	25C1	184CD1	4.022	25C1	18CG	4.158
25C1	184C	4.165	25C1	184CD2	4.830	25C1	184NE1	4.840
25C1	200	4.895	25C2	180D1	2.946	25C2	184CD1	3.510
25C2	184CA	3.592	25C2	18CG	3.620	25C2	20N	3.785
25C2	18ND2	3.842	25C2	184CB	3.886	25C2	2420H2	3.894
25C2	184CG	3.897	25C2	200	3.948	25C2	1830	4.106
25C2	184C	4.198	25C2	19CG	4.207	25C2	20CA	4.229
25C2	19N	4.334	25C2	1840	4.367	25C2	184NE1	4.377
25C2	20C	4.510	25C2	184N	4.678	25C2	19C	4.809
25C2	18CB	4.827	25C2	183C	4.828	25C2	18CA	4.864
25C2	18C	4.870	25C2	184CD2	4.940	25C2	19CA	4.979
25C3	200	2.991	25C3	184CD1	3.420	25C3	19CG	3.460
25C3	20N	3.592	25C3	180D1	3.738	25C3	20C	3.852
25C3	184NE1	3.896	25C3	20CA	4.002	25C3	184CG	4.180
25C3	19CD	4.295	25C3	19C	4.443	25C3	19N	4.455
25C3	184CA	4.500	25C3	1830	4.509	25C3	19CB	4.596
25C3	184CB	4.635	25C3	18CG	4.662	25C3	190E1	4.690
25C3	19CA	4.707	25C3	184CE2	4.837	25C3	2420H2	4.986
25C4	200	3.250	25C4	184CD1	3.862	25C4	184NE1	3.932
25C4	20C	4.284	25C4	19CG	4.378	25C4	184CG	4.519
25C4	184CE2	4.630	25C4	20N	4.702	25C4	20CA	4.823
25C4	19CD	4.851	25C4	21NE2	4.914	25C4	180D1	4.958
25C4	184CD2	4.971	25C5	184CD1	4.323	25C5	200	4.342
25C5	184NE1	4.439	25C5	184CG	4.577	25C5	184CE2	4.766
25C5	2420H2	4.835	25C5	184CD2	4.858	25C5	21NE2	4.951
25C6	2420H2	3.703	25C6	184CG	4.325	25C6	184CD1	4.403

## TABLE XX

avii ilus della	. 146.14 0.00		Page 40 to April 10					
25C6	184CB	4.414	25C6	184CD2	4.792	25C6	184NE1	4.871
25C6	184CA	4.873	25C6	180D1	4.955	25C6	1840	4.967
25C7	200	3.169	25C7	184NE1	4.191	25C7	20C	4.372
25C7	19CG	4.412	25C7	19CD	4.508	25C7	184CD1	4.544
25C7	19NE2	4.715	25C7	190E1	4.899	25C7	184CE2	4.927
2508	184NE1	3.443	2508	19CD	3.459	2508	19NE2	3.624
2508	190E1	3.712	2508	19CG	3.802	2508	200	3.894
2508	184CD1	4.085	2508	184CE2	4.312	2508	220	4.666
2508	184CZ2	4.747	25C9	19NE2	3.833	25C9	184NE1	3.925
25C9	19CD	3.963	25C9	190E1	4.023	25C9	184CE2	4.572
25C9	184CZ2	4.604	25C9	19CG	4.740	25C9	184CD1	4.906
25C9	220	4.956	25010	19NE2	3.975	25010	23CA	4.264
25010	19CD	4.483	25010	220	4.554	25010	23N	4.718
25010	190E1	4.724	25010	22C	4.857	25C11	162ND1	3.919
25C11	184CZ2	3.933	25C11	162CE1	4.435	25C11	184NE1	4.520
25C11	184CE2	4.600	25C11	162CG	4.656	25C11	184CH2	4.932
25C11	162CB	4.962	25C13	1380G	4.932	25C15	1380G	3.572
25C15	138CB	4.696	25C15	138CA	4.824	25C15	1610D1	4.950
25C16	162ND1	3.171	25C16	1610	3.822	25C16	162CG	3.975
25C16	162CE1	4.007	25C16	162CB	4.112	25C16	25 <b>S</b> G	4.187
25C16	162CA	4.258	25C16	161C	4.677	25C16	184CZ2	4.751
25C16	25CB	4.882	25C16	162N	4.893	25C16	190E1	4.906
25017	162ND1	2.637	25017	162CB	2.951	25017	1610	3.023
25017	162CG	3.092	25017	162CA	3.124	25017	161C	3.669
25017	162N	3.731	25017	162CE1	3.755	25017	25 <i>S</i> G	4.071
25017	1610D1	4.274	25017	162CD2	4.298	25017	162C	4.467
25017	162NE2	4.594	25017	184CZ2	4.770	25017	163N	4.786
25017	25CB	4.931	25017	161CA	4.957	25017	161CB	4.964
25N18	25 <b>S</b> G	3.671	25N18	162ND1	3.834	25N18	1610	3.966
25N18	25CB	4.503	25N18	19NE2	4.507	25N18	23CA	4.510
25N18	162CE1	4.582	25N18	162CA	4.791	25N18	190E1	4.810
25N18	162CG	4.836	25N18	162CB	4.998	25C19	25 <i>S</i> G	2.829
25C19	1610	3.274	25C19	162ND1	4.108	25C19	25CB	4.147
25C19	162CA	4.350	25C19	161C	4.428	25C19	23CA	4.502
25C19	230	4.704	25C19	23C	4.758	25C19	162N	4.907
25C19	25N	4.915	25C19	19NE2	4.957	25C19	163N	4.992
					and the second second			

# TABLE XX

			- w - + V) # A P I .	ak Maréh La Kiji In	医多种性病 化氯化二			tradical attitudes.	
	25C19	162CE1	4.994	25C19	162CB	4.997	25C20	1610	3.580
	25C20	25 <b>S</b> G	4.069	25C20	23CA	4.393	25C20	230	4.523
	25C20	23C	4.786	25C20	161C	4.808	25C21	1610	3.316
	25C21	161C	4.462	25C22	1610	2.892	25C22	161C	3.848
	25C22	161CA	4.121	25C22	161CB	4.359	40,400000000000000000000000000000000000	640	4.590
	25C23	1610	4.811	25N24	184NE1	3.412	25N24	184CZ2	3.492
	25N24	184CE2	3.750	25N24	190E1	4.106	25N24		4.147
	25N24	162CE1	4.221	25N24	19CD	4.432	25N24	19NE2	4.515
	25N24	184CD1	4.633	25N24	184CH2	4.684	25C25		1.822
	25C25	25CB	3.054	25C25	25N	3.471	25C25		3.687
	25C25	25CA	3.792	25C25	23C	3.793	25C25		3.994
	25C25	19NE2	4.214	25C25	162ND1	4.271	25C25	1610	4.312
	25C25	24N	4.350	25C25	26N	4.445	25C25	ra urantana na	4.500
	25C25	24C	4.578	25C25	163N	4.693	25C25		4.797
	25C25	162CA	4.833	25C25	162CE1	4.899	25C25		4.928
	25C25	19CD	4.983	25026	25SG	2.496	25026	25N	2.842
	25026	23C	2.922	25026	25CB	2.985	25026	23CA	3.053
	25026	19NE2	3.071	25026	230	3.183	25026	24N	3.337
	25026	25CA	3.477	25026	24C	3.898	25026	19CD	3.997
	25026	190E1	4.054	25026	24CA	4.110	25026	23N	4.413
	25026	220	4.471	25026	25C	4.502	25026	26N	4.555
	25026	162ND1	4.591	25026	22C	4.912	25026	162CE1	4.933
	25C27	25SG	2.646	25C27	230	3.049	25C27		3.646
	25C27	25N	3.830	25C27	65CA	3.894	25C27		4.015
	25C27	26CD1	4.040	25C27	26N	4.152	25C27	23CA	4.158
	25C27	25CA	4.348	25C27	24N	4.411	25C27		4.634
	25C27	25C	4.654	25C27	1610	4.714	25C27	65N	4.725
	25C27	26CB	4.746	25C27	66N	4.758		아들은 아이들은 내는 내가 있는 것이 없다.	4.780
	25C27	26CG	4.815	25C27	65C	4.906	25028	25SG	3.234
6.: 	25028	65CA	3.931	25028	the state of the state of	4、大学2000年1月 - 1911年4日		230	
	25028		4.333	.''	the side of the second				4.553
	25028		4.712						4.858
 ()	25028			25028		4.910	S. 18 Sec. 1. 5, 5	NA ROYO GUYYO NA N	4.929
	25C29	660	3.071	and the second to the second	1.1.7				3.415
	25C29	65C	3.768			4.000	1.00	10 4444 1080 x 104 34 x	4.084
	25C29	66CA	4.184	25C29	26CB	4.278	71. 3, 4 W		4.306
· 5			er jaluakan ili erri e	4 M. GA 1941 (M. 19	and the second				

### TABLE XX

25C29	26CG	4.529	25C29	230 4.	746 25	C29 65	N 4.756
25C29	1610	4.948	25C29	650 4.	978 25	C29 26	N 4.985
25C30	660	3.147	25C30	66N 3.	696 25	C30 66	C 4.040
25C30	65CA	4.366	25C30	66CA 4.	Jan Harrina	14이 등 - 이러 중요 다양	
25C30		ल की अपने होते होते होते.	25C31			C31 161	
25C31		10us (1006) (1.1	1992 (M. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		n 889 i 1738a	526-8626-5 F.C. H.	
		yayay yaya e D	25C31 1		198 MAY 7	C31 66	N 4.865
25C31	163CB	4.886	25C31 1	600 4.	980	생기 시간하다	

### TABLE XXI

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one.

				rdésarine.	1. 2. 3. A. L. 19 (1.)				
	Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.
	25C1	184CB	3.966	25C1	184CG	4 000	3501		
	25C1	184CD1	4.335	844W YU 48		4.092	25C1	180D1	4.178
	25C1	1840 1840		25C1	184CA	4.489	25C1	184CD2	4.689
	-		4.748	25C1	184C	4.857	25C2	180D1	3.023
No.	25C2	184CD1	4.012	25C2	184CB	4.046	25C2	184CA	4.130
	25C2	184CG	4.135	25C2	18CG	4.154	25C2	200	4.291
	25C2	20N	4.526	25C2	184C	4.608	25C2	18ND2	4.696
	25C2	20CA	4.804	25C2	184NE1	4.825	25C2	1840	4.835
	25C2	20C	4.924	25C2	19CG	4.976	25C3	200	3.073
į	25C3	180D1	3.568	25C3	20C	3.908	25C3	2 <b>0N</b>	3.934
	25C3	184CD1	3.954	25C3	20CA	4.129	25C3	19CG	4.226
	25C3	184CG	4.484	25C3	184NE1	4.490	25C3	18CG	4.696
	25C3	184CB	4.795	25C3	184CA	4.856	25C3	19C	4.885
	25C3	19CD	4.898	25C4	200	3.345	25C4	184CD1	4.222
•	25C4	184NE1	4.344	25C4	20C	4.381	25C4	184CG	4.772
	25C4	19CG	4.838	25C4	184CE2	4.948	25C4	180D1	4.956
	25C4	20N	4.984	25C5	184CD1	4.521	25C5	184NE1	4.550
	25C5	200	4.685	25C5	184CG	4.727	25C5	184CE2	4.764
	25C5	184CD2	4.873	25C6	184CG	4.403	25C6	184CD1	4.580
	25C6	184CD2	4.609	25C6	184CB	4.657	25C6	184NE1	4.884
	25C6	184CE2	4.906	25C7	200	2.849	25C7	20C	4.026
	25C7	184NE1	4.648	25C7	21CA	4.664	25C7	19CD	4.697
	25C7	19CG	4.714	25C7	210E1	4.738	25C7	21N	4.799
	25C7	184CD1	4.844	25C7	190E1	4.907	25C7	19NE2	4.961
	2508	200	3.212	2508	19CD	3.453	2508	190E1	3.622
	2508	19NE2	3.664	2508	19CG	3.806	2508	184NE1	3.870
:	2508	184CD1	4.265	2508	20C	4.432	2508	220	4.540
• :	2508	184CE2	4.808	2508	19CB	4.983	25C9	190E1	3.889
	25C9	19NE2	3.915	25C9	19CD	3.947	25C9	184NE1	4.155
	25C9	200	4.391	25C9	19CG	4.723	25C9	220	4.796
	25C9		4.909	25C9	184CD1	4.929	25010	19NE2	4.578
			2 2		·				

### TABLE XXI

2501	200	4.660	25010 220	4.792	25010 19CD	4.890
25010	190E1	4.963	25C11 162ND	4.101	25C11 184CZ2	4.175
25C1	l 184NE1	4.284	25C11 162CE	4.319	25C11 19OE1	4.351
25C11	184CE2	4.593	25C11 162CG	4.929	25C11 19NE2	
25C11	19CD	4.953	25C15 184CZ2	4.332	25C15 184CH2	
25C15	1430E1	4.901	25C15 1370	4.938	25C16 162ND1	
25C16	162CE1	3.757	25C16 162CG	4.082	25C16 25SG	4.189
25C16	1610	4.344	25C16 19OE1	4.427	and the first of the second of	4.457
25C16	162CA	4.770	25C16 162NE2	4.792	25C16 19NE2	
25C16	184CZ2	4.883	25C16 25CB	4.955	25C16 184NE1	
25C16	162CD2	4.977	25017 162ND1	2.574	25017 162CG	3.155
25017	162CB	3.298	25017 162CE1	3.479	25017 1610	3.597
25017	162CA	3.711	25017 25SG	4.141	25017 161C	4.187
25017	162CD2	4.194	25017 162N	4.282	25017 162NE2	4.329
25017	1610D1	4.530	25017 184CZ2	4.752	25017 137CB	4.842
25N18	25SG	3.590	25N18 162ND1	3.689	25N18 162CE1	4.248
25N18	1610	4.291	25N18 19NE2	4.292	25N18 19OE1	4.452
25N18	8626.2690.260 e.	4.467	25N18 23CA	4.557	25N18 162CG	4.791
25N18	19CD	4.816	25C19 25SG	2.732	25C19 1610	3.385
25C19	162ND1	3.772	25C19 25CB	4.081	25C19 162CA	4.451
25C19	161C	4.513	25C19 162CE1	4.560	25C19 23CA	4.589
25C19	25N	4.775	25C19 23C	4.776	25C19 230	4.793
9.44	162CG	4.797	25C19 19NE2	4.876	25C19 162CB	4.935
25C19	162N	4.994	25N20 184NE1	3.387	25N20 19OE1	3.405
25N20	19CD	3.866	25N20 184CE2	4.004	25N20 19NE2	4.021
	184CZ2	4.036	25N20 162CE1	4.357	25N20 184CD1	4.441
	162ND1	4.565	25N20 19CG	4.876	25C21 25SG	1.768
Tall March	25CB		25C21 25N	3.320	25C21 25CA	3.665
6 5 7 5 7 15					25C21 162ND1	
	23CA	4.127	25C21 19NE2	4.215	25C21 26N	4.241
25C21	24N	4.308	25C21 1610	4.319	25C21 25C	4.400
	24C	r is profitance of			25C21 19OE1	
1 3 30 1 1 S.	24CA	4.852	25C21 163N	4.871	25C21 162CA	4.898
25C21	19CD	4.974	25C21 26CD1	4.991	25022 25SG	2.461
25022	25N	2.747	25022 25CB	2.888	25022 19NE2	3.089
25022	23C	3.118	25022 23CA	3.281	25022 25CA	3.369
25022	24N	3.372	25022 230	3.479	25022 24C	3.834

			TABLE	XXI		
25022	1000					
25022 25022	19CD	4.008	an aire e noble			
25022	220 26N	994 - W. WAY.	25022 162ND1		25022 25C	4.432
25022	26N 22C	4.446	25022 23N	4.563	25022 162CE1	4.605
25C23		4.909		4.940	25C23 1600	4.313
25C24	ar NA Williams.		왜 요리들이 됐네요 말에 끄끈		25C23 160CB	4.873
25C24	67CE1	3.278 4.352		4.082	25C24 160C	4.283
25C24	670H	YYY WALA	그 열성 시민국 연방하다			4.652
25C25		4.750	25C24 160N	4.847	25C25 1600	3.120
	160CB	4.287	. 1 44 P. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		25С25 67ОН	4.617
25C25		4.802	25C25 67CZ		25C26 1600	4.072
25C25	670H	4.149	25C26 67CE1		25C26 67CZ	4.684
25C27		3.768	25C27 67CZ	4.663	25C27 67CE1	
25C27		2017대 4 학교 19	25C28 67OH			4.781
(%) (1), 49-40.	67CZ 275OH2	4.836		4.671	25С29 67ОН	4.760
25C31		4.167	25030 1600	4.205	25030 161CA	4.860
No Ellerida	2750H2	3.769			25C31 1610	4.057
25C31	A 1269A 30957	4.224	25C31 161C	4.371	25C31 160C	4.689
	161CA	4.855	25C31 161CB	4.868	25032 1600	2.767
25032	<ul> <li>NORCHTTLANG</li> </ul>	2.883		3.281	25032 161C	3.329
25032	ari-avalar	3.543	25032 161N	3.634	25032 161CB	3.892
25C33	A STATE OF THE STATE OF	4.376	25032 160CA	4.974	25032 2750Н2	4.982
		3.671	25C33 660	4.037	25C33 161C	4.309
25C33 25C33		4.440	25С33 275ОН2	4.717	25C33 161CA	4.785
	65CA	4.801	25C34 660	2.806	25C34 66C	3.890
25034	1610	4.077	25C34 26CB	4.273	25C34 66CA	4.590
25034	1610	4.797	25C34 67N	4.862	25C34 26CG	4.869
25034	103CB	4.955	25C35 660	3.565	25C35 209CD2	
25035	134CB	4.451	25C35 163CB	4.577	25C35 66C	4.668
25035	6/CD1	4.755	25C35 163N	4.786	25C35 68SD	4.819
25035	1600	4.923	25C35 26CB	4.937	25C35 1610	4.979
25036			25C36 1610			3.868
	134CB	3.869	25C36 1600	3.882	25C36 163N	3.971
25C36	101CA	4.056	25C36 162C	4.114	25C36 160C	4.145
43636 25036	101N	4.238	25C36 162CA	4.327	25C36 163CA	4.508
	163CB	4.528	25C36 1620	4.616	25C36 209CD2	4.772
25C36	100CB	4.841	25C36 134CA	4.905	25C36 660	4.996
43U3 /	ZUYCD2	J.499	25C37 67CD1	3.574	25C37 67CE1	3.696

### TABLE XXI

25C37	660	3.889	25C37 67CG	4.551	25C37 1600	4.714
25C37	67CZ	4.732	25C37 66C	4.737	25C37 134CB	4.814
25C37	67CA	4.821	25C37 209CG	4.994	25C38 65CA	3.869
25C38	1610	3.955	25C38 66N	4.001	25C38 660	4.219
25C38	26CD1	4.264	25C38 25SG	4.271	25C38 275OH2	4.287
25C38	65C	4.487	25C38 23O	4.627	25C38 26CB	4.655
25C38	26CG	4.792	25C38 640	4.873	25C38 161C	4.899
25C38	65N	4.993	25039 65CA	2.703	25039 66N	3.332
25039	65C	3.531	25039 2750н2	3.677	25039 640	3.733
25039	65N	3.795	25039 26CD1	4.043	25039 230	4.088
25039	64C	4.155	25039 660	4.358	25039 66CA	4.647
25039	650	4.732	25039 26CG	4.801	25039 26NE1	4.806
25039	1610	4.910	25039 66C	4.976	25N40 25SG	2.943
25 <b>N4</b> 0	1610	3.660	25N40 26CD1	4.126	25N40 26N	4.248
25 <b>N4</b> 0	230	4.287	25N40 26CB	4.350	25N40 163N	4.551
25 <b>N</b> 40	25CB	4.560	25N40 26CG	4.646	25N40 161C	4.657
25 <b>N4</b> 0	25N	4.685	25N40 65CA	4.705	25N40 660	4.809
25 <b>N4</b> 0	162CA	4.847	25N40 26CA	4.856	25N40 66N	4.876
25N40	23C	4.933	25N40 163CB	4.949	25N40 25CA	4.979
25N40	25C	4.984	25C41 25SG	2.569	25C41 230	3.094
25C41	25N	3.498	25C41 23C	3.558	25C41 26CD1	3.732
25C41	26N	3.810	25C41 25CB	3.828	25C41 25CA	4.081
25C41	23CA	4.144	25C41 24N	4.195	25C41 24C	4.371
25C41	25C	4.413	25C41 26CB	4.509	25C41 26CG	4.528
25C41	24CA	4.533	25C41 1610	4.584	25C41 65CA	4.716
25C41	26NE1	4.762	25C41 26CA	4.764	25N42 2750H2	3.989
25N42	1610	4.257	25N42 66N	4.573	25N42 660	4.641
25N42	65CA	4.726	25N42 161C	4.818	25N42 1600	4.862
25N42	161CA	4.871				

### TABLE XXII

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide.

Atom	1 Atom :	2 Dist.	Atom	1 Atom	2 Dist.	Atom	1 Atom	2 Dist.
2501	10400	4 227	2501					
25C1	184CB	4.217	25C1	1840	4.458	25C1		4.534
25C1	184CD2	4.719	25C1	184CE3	4.742	25C1	188CD1	4.982
25C2	1840	3.589	25C2	184CB	3.931	25C2	180D1	4.344
25C2	184C	4.365	25C2	184CA	4.384	25C2	184CG	4.474
25C3	180D1	3.467	25C3	184CB	3.731	25C3	1840	3.805
25C3	184CA	3.925	25C3	184CG	4.004	25C3	184C	4.224
25C3	184CD1	4.243	25C3	18CG	4.424	25C3	18ND2	4.653
25C3	184CD2	4.783	25C3	200	4.954	25C4	184CG	3.557
25C4	184CD1	3.557	25C4	184CB	3.839	25C4	184NE1	4.069
25C4	184CD2	4.096	25C4	184CA	4.267	25C4	180D1	4.278
25C4	184CE2	4.376	25C4	200	4.406	25C4	1840	4.793
25C4	184CE3	4.895	25C4	184C	4.990	25C5	184CG	3.622
25C5	184CD2	3.653	25C5	184CD1	3.870	25C5	184CE2	3.925
25C5	184NE1	4.046	25C5	184CB	4.116	25C5	184CE3	4.153
25C5	184CZ2	4.632	25C5	184CZ3	4.798	25C5	184CA	4.969
25C6	184CD2	4.011	25C6	184CE3	4.065	25C6	184CG	4.134
25C6	184CB	4.303	25C6	184CE2	4.616	25C6	184CZ3	4.700
25C6	184CD1	4.765	25C7	200	3.159	25C7	184CD1	3.353
25C7	19CG	3.702	25C7	184NE1	3.716	25C7	184CG	3.910
25C7	20C	4.053	25C7	20N	4.098	25C7	180D1	4.206
25C7	19CD	4.236	25C7	20CA	4.370	25C7	184CE2	4.426
25C7	184CB	4.474	2507	19NE2	4.497	25C7	184CD2	4.546
25C7	184CA	4.592	25C7	1830	4.805	25C7	190E1	4.886
25C7	19C	4.994	2508	200	2.990	2508	20C	4.056
2508	184NE1	4.178	2508	184CD1	4.264	2508	19CG	4.312
2508	19NE2	4.344	2508	19CD	4.511	2508	184CE2	4.748
2508	20CA	4.839	2508	20N	4.842	2508	184CG	4.873
2508	21N	4.938	2508	21CA	4.989	25C9	200	3.137
25C9	19NE2	3.361	25C9	19CD	3.886	25C9	19CG	4.087

## TABLE XXII

The state of the s							Carrell Switze
25C9 184NE1	4.190	25C9	20C	4.350	25C9	220	4.421
25C9 184CD1	4.624	25C9	190E1	4.690	25C9	22N	4.828
25C9 184CE2	4.870	25C9	21CA	4.905	25C9	210E1	4.986
25010 200	2.532	25010	19NE2	2.700	25010	220	3.220
25010 19CD	3.446	25010	19CG	3.596	25010	22N	3.702
25010 20C	3.735	25010	22C	3.951	25010	21CA	4.210
25010 21C	4.416	25010	21N	4.441	25010	190E1	4.463
25010 22CA	4.519	25010	19CB	4.714	25010	20N	4.734
25010 23N	4.741	25010	20CA	4.838	25010	184NE1	4.848
25010 210E1	4.906	25010	23CA	4.996	25C11	19NE2	3.727
25C11 19CD	4.636	25C11	184NE1	4.779	25C11	220	4.911
25C12 19NE2	3.752	25C12	220	4.028	25C12	23CA	4.150
25C12 22C	4.246	25C12	23N	4.275	25C12	2240H2	4.684
25C12 22N	4.779	25C12	19CD	4.925	25C12	200	4.975
25C13 21OE1	4.156	25C13	22N	4.627	25C13	22C	4.667
25C13 23N	4.712	25C13	220	4.742	25C13	21C	4.914
25C13 23CA	4.953	25C14	22N	3.473	25C14	21C	3.659
25C14 22C	3.759	25C14	210E1	3.793	25C14	23N	3.863
25C14 22CA	3.868	25C14	21CA	4.095	25C14	210	4.118
25C14 22O	4.147	25C14	23CA	4.513	25C14	200	4.765
25C14 21CB	4.851	25C14	21CD	4.885	25C15	210E1	3.260
25C15 21CD	4.221	25C15	21NE2	4.650	25C15	21CA	4.882
25C15 200	4.924	25C16	19NE2	3.267	25C16	19CD	4.074
25C16 162ND1	4.145	25C16	190E1	4.238	25C16	162CE1	4.291
25C16 184NE1	4.295	25C16	184CZ2	4.540	25C16	184CE2	4.778
25C16 25SG	4.792	25C16	23CA	4.932	25C16	220	4.976
25017 19NE2	3.075	25017	184NE1	3.183	25017	162CE1	3.232
25017 162ND1	3.349	25017	190E1	3.394	25017	19CD	3.490
25017 184CZ2	3.632	25017	L84CE2	3.732	25017	162NE2	4.167
25017 162CG							
25017 25SG							
25017 184CH2							
25N18 162ND1							
25N18 224OH2							
25N19 162ND1	3.174	25N19 1	610	3.363	25N19	25CB	3.873
25N19 162CE1	3.953	25N19 1	.62CA	4.146	25N19 1	62CG	4.165

# TABLE XXII

		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 12 12 15 16 16 16 16 16 16 16 16 16 16 16 16 16		<ul> <li>A supervision of the contract of</li></ul>		The second secon	the of the Armed Administration
25N19	19NE2	4.334	25 <b>N1</b> 9	162CB	4.414	25N19	161C	4.448
25N19	23CA	4.774	25 <b>N</b> 19	162N	4.806	25N19	190E1	4.807
25N19	224OH2	4.923	25 <b>N</b> 20	19NE2	3.800	25N20	184NE1	4.071
25N20	19CD	4.420	25 <b>N</b> 20	200	4.457	25N20	184CE2	4.475
25N20	184CZ2	4.573	25N20	184CD1	4.849	25N20	190E1	4.977
25 <b>N</b> 20	19CG	4.982	25C21	25SG	1.799	25C21	25CB	3.030
25C21	25N	3.707	25C21	162ND1	3.784	25C21	23CA	3.850
25C21	23C	3.907	25C21	230	3.946	25C21	25CA	3.958
25C21	19NE2	4.007	25C21	1610	4.284	25C21	162CE1	4.379
25C21	224OH2	4.436	25C21	24N	4.507	25C21	190E1	4.543
25C21	162CA	4.728	25C21	19CD	4.730	25C21	26N	4.758
25C21	25C	4.830	25C21	24C	4.870	25C21	162CG	4.947
25C21	163N	4.989	25022	25 <i>S</i> G	2.443	25022	19NE2	2.871
25022	25CB	2.954	25022	23CA	3.128	25022	25N	3.144
25022	23C	3.258	25022	25CA	3.641	25022	24N	3.649
25022	230	3.656	25022	19CD	3.696	25022	190E1	3.727
25022	220	4.038	25022	162ND1	4.175	25022	24C	4.265
25022	23N	4.327	25022	162CE1	4.422	25022	2240H2	4.423
25022	24CA	4.529	25022	22C	4.622	25022	25C	4.800
25022	26N	4.898	25C23	610D1	3.673	25C23	590	3.735
25C23	67CE2	4.205	25C23	67CD2	4.463	25C23	2640H2	4.473
25C23	61CG	4.499	25C23	610D2	4.706	25C23	59C	4.887
25C24	590	3.179	25C24	610D1	3.691	25C24	67CD2	3.717
25C24	60ND2	3.736	25C24	67CE2	3.832	25C24	60CA	3.942
25C24	59C	4.226	25C24	61CG	4.362	25C24	66CA	4.399
25C24	60C	4.521	25C24	61N	4.525	25C24	60N	4.567
25C24	700D1	4.595	25C24	610D2	4.702	25C24	60CG	4.710
25C24	60CB	4.837	25C24	67N	4.915	25C24	66C	4.929
25C24	650	4.975	25C24	67CG	4.986	25C25	66CA	3.301
25C25	610D1	3.379	25C25	67CD2	3.477	25C25	67CE2	3.538
25C25	60ND2	3.834	25C25	66N	3.859	25C25	650	3.860
25C25	66C	3.977	25C25	65C	4.082	25C25	60CA	4.110
25C25	61CG	4.139	25C25	61N	4.153	25C25	590	4.235
25C25	67N	4.302	25C25	60C	4.526	25C25	60CG	4.585
25C25	660	4.675	25C25	60CB	4 701	25C25	61CB	4.755
25C25	67CG	.785	25C25	610D2	4.825	25C25	67CZ	4.879
25C26	610D1	.031	25C26	67CE2	3.662	25C26	66CA	3.882
		44 To 144 To 154				1.00		

# TABLE XXII

	5 4 3 10,000	in the leaders are beginning and	indicated the second of the second	Million and the collection	1980); 1990; 1980(Bachtill)	errord (il. h.n. ro		
25C26	66N	3.954	25C26	650	4.020	25C26	65C	4.027
25C26	67CD2	4.058	25C26	61CG	4.066	25C26	66C	4.566
25C26	61CB	4.672	25C26	61N	4.764	25C26	67CZ	4.811
25C26	65CA	4.818	25C26	610D2	4.956	25C26	660	4.959
25C27	610D1	3.004	25C27	67CE2	4.045	25C27	61CG	4.208
25C27	67CD2	4.744	25C27	610D2	4.951	25C27	670H	4.988
25C28	610D1	3.343	25C28	67CE2	4.306	25C28	61CG	4.423
25C28	264OH2	4.506	25C28	610D2	4.829	25C28	67CD2	4.927
25C29	66N	3.077	25C29	65C	3.103	25C29	650	3.481
25C29	66CA	3.531	25C29	65CA	3.578	25C29	610D1	3.662
25C29	67CE2	4.189	25C29	640	4.192	25C29	66C	4.265
25C29	660	4.382	25C29	65N	4.522	25C29	67CD2	4.589
25C29	61CG	4.593	25C29	64C	4.738	25C29	61CB	4.762
25030	66N	3.458	25030	67CE2	3.803	25030	65C	3.840
25030	660	4.008	25030	66CA	4.009	25030	65CA	4.053
25030	66C	4.287	25030	67CD2	4.421	25030	67CZ	4.431
25030	670H	4.470	25030	650	4.551	25030	640	4.750
25C31	66N	3.498	25C31	65CA	3.654	25C31	65C	3.885
25C31	660	4.018	25C31	66CA	4.416	25C31	640	4.463
25C31	66C	4.608	25C31	650	4.872	25C31	67CE2	4.874
25C31	65N	4.883	25032	65CA	3.690	25032	640	3.833
25032	66N	4.273	25032	65C	4.343	25032	64C	4.667
25032	65N	4.681	25C33	660	3.876	25C33	66N	4.173
25C33	1610	4.383	25C33	65CA	4.417	25C33	161C	4.670
25C33	25SG	4.802	25C33	65C	4.843	25C33	66C	4.902
25C34		3.833	25C34	161C	4.228	25C34	1610	4.287
25C34		4.305	25C34	163N	4.452	25C34	162CA	4.613
25C34	·		25C34	<ul> <li>HOUSE TO MAKE 1878</li> </ul>	いんけい しんいんくしょうしょく	25C34		4.669
	163CB							
25C35		4.208			4.767	25C35	26CB	4.871
	66N			as ri Alliant, dira M	4.934	1. C. 200 May 1 April 19	Contract to the contract to th	1,5 *** 10,5 % %
	68SD			and the state of t	and the second of the second		A	
	660							
	163CA							
	26CB		,					
	66C	5 5 5						
25C36	26CX	4.975	25C37	660	3.900	25C37	67CE1	4.120

### TABLE XXII

25C37	209CD2	4.133	25C37	67CZ	4.304	25C37	67CD1	4.472
1 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	670н	4.559	25C37 1	600	4.722	25C37	67CE2	4.812
1. July 11 12 1	134CB	4.928	25C37	67CG	4.960	25C38	65CA	3.685
25C38	25SG	3.703	25C38	66N	3.862	25C38	660	4.169
25C38	26CD1	4.241	25C38	65C	4.328	25C38	230	4.331
25C38		4.500	25C38 2	2240H2	4.706	25C38	26CB	4.746
25C38	) <u>. 1</u> . 5.25. 15.	4.855	25C38	26CG	4.876	25039	66N	2.954
25039		3.044	25039	65CA	3.072	25039	65C	3.468
25039		3.555	25039	230	3.635	25039	26CG	3.715
25039		3.796	25039	25SG	3.860	25039	26NE1	4.093
25039		4.102	25039	66C	4.239	25039	65N	4.292
25039		4.359	25039	650	4.668	25039	23C	4.669
		4.689		2240H2	4.850	25039	26CD2	4.970
25039		3.113	\$	1610	3.678		2240H2	4.045
25N40		4.202	25N40	65CA	4.334	25N40	3.00	4.525
25N40	A	4.779	25N40	23CA	4.821		162CA	4.878
25N40		4.902	25N40	26CD1	4.925	25N41		2.621
25N40		7754 Wilde		2240H2	3.404	25N41		3.447
25N41		3.122	25N41	25CB	4.118	25 <b>N4</b> 1		4.161
25N41		3.458	25N41	65CA	4.453		1610	4.531
25N41		4.403		25CA	4.709		26N	4.861
25N41		4.572	25N41		3.140	3.30		3.340
25N41		4.898	25N42	660	4.005		_	4.084
25N42		3.978	25N42	66C		2 JI14 2		
25N42	2 66CA	4.168	25N42	67CE2	4.883		기 및 하지만	

### TABLE XXIII

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide.

Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.
25C1	184CB	4.236	25C1	184CG	4.418	25C1	1840	4.425
25C1	184CD2	4.593	25C1	184CE3	4.660	25C1	188CD1	4.721
25C2	1840	3.268	25C2	184CB	3.689	25C2	184C	4.080
25C2	184CG	4.182	25C2	184CA	4.182	25C2	184CD2	4.784
25C2	184CD1	4.821	25C2	18ND2	4.999	25C3	1840	3.481
25C3	184CB	3.729	25C3	184CA	3.863	25C3	184C	3.967
25C3	180D1	4.001	25C3	184CG	4.006	25C3	184CD1	4.249
25C3	18ND2	4.280	25C3	18CG	4.516	25C3	184CD2	4.834
25C4	184CD1	4.005	25C4	184CG	4.080	25C4	184CB	4.302
25C4	180D1	4.440	25C4	200	4.528	25C4	184CA	4.558
25C4	184NE1	4.584	25C4	184CD2	4.705	25C4	1840	4.729
25C4	184CE2	4.985	25C5	184CG	4.312	25C5	184CD1	4.376
25C5	184CD2	4.504	25C5	184NE1	4.612	25C5	184CE2	4.694
25C5	184CB	4.766	25C5	21NE2	4.820	25C6	184CD2	4.450
25C6	184CG	4.480	25C6	184CE3	4.643	25C6	184CB	4.744
25C6	1430E1	4.804	25C6	184CE2	4.925	25C6	184CD1	4.935
25C7	200	3.040	25C7	20C	3.594	25C7	20CA	3.795
25C7	20N	3.853	25C7	180D1	3.864	25C7	184CD1	4.135
25C7	19CG	4.463	25C7	21NE2	4.595	25C7	21N	4.617
25C7	184NE1	4.641	25C7	184CG	4.659	25C7	18CG	4.887
25C7	19C	4.937	25C7	184CA	4.958	2508	200	2.667
2508	19CG	3.422	2508	184CD1	3.450	2508	20C	3.631
2508	184NE1	3.675	2508	20N	3.871	2508	19CD	3.993
2508	20CA	4.102	2508	190E1	4.232	2508	184CG	4.325
2508	180D1	4.411	2508	184CE2	4.622	2508	19C	4.642
2508	21N	4.725	2508	19CB	4.727	2508	19NE2	4.771
2508	1830	4.826	2508	184CD2	4.974	25C9	200	3.188
25C9	184NE1	3.536	25C9	184CD1	3.844	25C9	19CG	4.035

### TABLE XXIII

25C9	19CD	4.106	25C9	190E1	4.229	25C9	20C	4.321
25C9	184CE2	4.325	25C9	19NE2	4.650	25C9	184CG	4.743
25C9	184CZ2	4.957	25C9	21NE2	4.999	25010	184NE1	
25010	184CE2	4.068	25010	184CD1	4.137	25010		4.244
25010	184CZ2	4.481	25010	184CD2	4.713	25010	184CG	4.754
25010	21NE2	4.824	25C11	19NE2	4.159	25C11	220	4.229
25C11	19CD	4.273	25C11	200	4.296	25C11	190E1	4.447
25C11	184NE1	4.589	25C11	22C	4.735	25C11	23CA	4.867
25C11	19CG	4.868	25C11	22N	4.974	25C11	23N	4.979
25C12	220	3.890	25C12	22C	3.995	25C12	22N	4.110
25C12	23N	4.111	25C12	23CA	4.306	25C12	200	4.346
25C12	21C	4.588	25C12	22CA	4.594	25C12	210E1	4.629
25C12	21CA	4.715	25C12	19NE2	4.762	25C13	210E1	3.498
25C13	21CD	4.390	25C13	21CA	4.587	25C13	22N	4.615
25C13	21C	4.659	25C13	200	4.898	25C13	21NE2	4.928
25C14	210E1	2.922	25C14	21C	3.654	25C14	21CA	3.785
25C14	22N	3.919	25C14	21CD	3.931	25C14	210	3.962
25C14	21CB	4.117	25C14	22CA	4.561	25C14	21CG	4.659
25C14	22C	4.749	25C14	21NE2	4.841	25C14	23N	4.886
25C14	200	4.941	25C15	210E1	2.917	25C15	21CD	3.612
25C15	21NE2	3.794	25C15	21CA	4.698	25C15	200	4.791
25C15	21CG	4.892	25C16	19NE2	3.649	25C16	190E1	3.851
25C16		3.913	25C16	23CA	4.390	25C16	184NE1	4.396
25C16		4.401	25C16	162ND1	4.744	25C16	19CG	4.960
25C16		4.963	25C16	22C	4.981	25C16	184CZ2	4.990
7. 93 J. N. N.	162ND1	3.565	25S17	184CZ2	3.585	25S17	184NE1	3.699
	162CE1	3.945	25S17	190E1	3.950	25S17	184CE2	3.994
11.3 T. W. W. T.	162CG		and the second second	19CD	100 March 1997 1 2		19NE2	
W	162CB				5			
	184CD1							
	19CD							
	23C							
	22C							
	162ND1							
	25 <b>S</b> G							
	162ND1							
25C19	1610	4.243	25C19	19CD	4.411	25C19	25N	4.416

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		• • •					
		*	TABLE X	XIII			
25C19	23C	4.434	25C19 162CE1	4.494	25C19	25CA	4.626
25C19	230	4.822	보면 시네가 불빛하다 하셨다.	4.842	25C19		4.896
	162CA	4.932	25N20 200	3.090	25N20	19CD	3.488
25N20		3.690	25N20 19CG	3.707	25N20	190E1	3.805
25N20		3.918		3.976	25N20	20C	4.316
94.14/24/22/45	184CD1	4.488	25N20 22N	4.551	25N20		4.673
25N20		4.853	25N20 184CE2		25 <b>N</b> 20		4.997
25C21	162ND1	2.861	25C21 25SG	3.627		162CE1	3.661
25C21	162CG	3.744	25C21 1610	3.811	25C21	25CB	3.895
25C21	162CB	3.972	25C21 19OE1	4.135		162CA	4.169
25C21	19NE2	4.408	25C21 19CD	4.664	25C21		4.724
25C21	161C	4.759	25C21 184CZ2	4.788		162CD2	4.789
25C21	184NE1	4.807	25C21 162N	4.963	25C22	25SG	1.806
25C22	25CB	3.017	25C22 25N	3.658	25C22	23CA	3.756
25C22	23C	3.777	25C22 230	3.783	25C22	25CA	3.942
25C22	1610	4.202	25C22 19NE2	4.263	25C22	24N	4.389
25C22	162ND1	4.411	25C22 26N	4.767	25C22	24C	4.797
25C22	25C	4.896	25C22 162CA	4.914	25C22	26CD1	4.985
25023	25 <i>S</i> G	2.263	25023 23C	2.724	25023	25N	2.817
25023	23CA	2.863	25023 230	2.953	25023	25CB	2.966
25023	24N	3.216	25023 19NE2	3.371	25023	25CA	3.468
25023	24C	3.844	25023 24CA	4.001	25023	23N	4.229
25023	220	4.346	25023 19CD	4.418	25023	26N	4.527
25023	25C	4.570	25023 190E1	4.594	25023	26CD1	4.647
25023	22C	4.750	25023 162ND1	4.926	25023	240	4.984
25C24	640	4.232	25C24 61OD1	4.886	25C25	640	2.914
25C25	610D1	4.012	25C25 64C	4.121	25C25	65CA	4.508
25C25	61CG	4.803	25C25 65N	4.812	25C26	640	3.004
25C26	610D1	3.284	25C26 65CA	3.778	25C26	65C	4.006
25C26	64C	4.052	25C26 66N	4.292	25C26	61CG	4.320
25C26	65N	4.406	25C26 65O	4.498	25C26	61CB	4.929
25C27	610D1	3.654	25C27 640	4.372	25C27	66N	4.515
25C27	67CE2	4.579	25C27 65C	4.592	25C27	65CA	4.693
25C27	61CG	4.839	25С27 67ОН	4.900	25C28	610D1	4.602
25C28	670H	4.614	25C28 67CE2	4.849	25C30	67CE2	3.326
25C30	66N	3.711	25C30 61OD1	3.817	25C30	66CA	3.888
25C30	67CD2	3.908	25C30 67CZ	4.039	25C30	65C	4.143

# TABLE XXIII

				Oracle State of the Control of the C	医乳管 化二氯甲基氯化 化二甲烷 化氯化 化二氯化	
25C30	670н	4.216	25C30 66C	4.303	25C30 660	4.459
25C30	650	4.648	25C30 65CA	4.662	25C30 67CG	4.980
25031	67CE2	2.958	25031 67CZ	3.233	25031 670н	3.437
25031	67CD2	3.606	25031 660	3.722	25031 66N	3.758
25031	66C	3.942	25031 66CA	3.994	25031 67CE1	4.053
25031	. 67CG	4.365	25031 65C	4.521	25031 67CD1	4.543
25031	67N	4.754	25031 65CA	4.909	25C32 660	3.869
25C32	66N	3.875	25C32 67CZ	4.120	25C32 67OH	4.127
25C32	67CE2	4.188	25C32 66C	4.431	25C32 66CA	4.512
25C32	65CA	4.559	25C32 65C	4.577	25C32 67CE1	4.683
25C32	67CD2	4.797	25033 670н	4.349	25033 67CZ	4.706
25033	66N	4.896	25033 67CE2	4.948	25033 1600	4.987
25C34		3.926	25C34 66N	4.154	25C34 1610	4.291
25C34		4.393	25C34 161C	4.680	25C34 25SG	4.728
	1600	4.762	25C34 65C	4.835	25C34 66C	4.889
	1610	3.923	25C35 1600	3.934	25C35 161C	3.950
25C35		4.195	25C35 162N	4.296	25C35 161CA	4.330
100	163N	4.545	25C35 160C	4.652	25C35 25SG	4.661
	162CA	4.717	25C35 161N	4.821	25C35 162C	4.844
25C36		3.516	25C36 163CB	3.928	25C36 163N	4.123
	163CA	4.451	25C36 134CB	4.614	25C36 162C	4.695
25C36		4.739	25C36 25SG	4.777	25C36 1600	4.790
25C36		4.793	25C36 162N	4.890	25C36 161C	4.930
25C36	人名德特拉奇	4.984	25C37 660	3.229	25C37 67CD1	3.782
25C37		3.814	25C37 209CD2	4.109	25C37 66C	4.351
6 1 1 1 X X X X X X X X X X X X X X X X	134CB	4.449	25C37 67CG	4.461	25C37 67CZ	4.520
25C37		4.594	25C37 68SD	4.609	25C37 163CB	4.822
25C37	8 dd 100 0 d 3 - 11	4.913	25C37 67N	4.944	25C37 1600	4.999
ra kul etti tu emut		1100 1100	25C38 163CB	818 G Y & WS (1007)	25C38 26CB	
25C38			25C38 163N			
25C38			25C38 26N		25C38 163CA	4.178
4.4			25C38 26CG	1 1 1 No. 1994 (11 of 12	25C38 26CD1	
25C38		4.558	25C38 67CA	4.916	25C38 67N	4.916
			25C38 162C			
			25C39 66N			
			25C39 65C			
25C39	65N	4.664	25C39 161C	4.925	25C39 230	4.951

### TABLE XXIII

25C39	66CA	4.972	25040	66N	2.864	25040	65CA	2.895
25040	26CD1	3.289	25040	65C	3.326	25040	25SG	3.487
25040	660	3.497	25040	66CA	4.034	25040	26CG	4.074
25040	65N	4.098	25040	26NE1	4.177	25040	66C	4.186
25040	230	4.205	25040	26CB	4.291	25040	650	4.516
25040	26N	4.644	25 <b>N4</b> 1	25SG	3.236	25 <b>N4</b> 1	1610	3.370
25N41	65CA	4.079	25 <b>N4</b> 1	161C	4.343	25N41	230	4.777
25N41	65N	4.879	25 <b>N4</b> 1	66N	4.926	25N42	25SG	2.820
25N42	230	3.597	25 <b>N4</b> 2	23CA	3.792	25N42	23C	3.925
25N42	65CA	4.086	25N42	1610	4.156	25N42	25CB	4.397
25N42	65N	4.514	25N42	25N	4.705	25N42	26CD1	4.802
25N42	24N	4.905	25N43	660	3.027	25 <b>N4</b> 3	66N	3.312
25N43	66C	3.828	25N43	66CA	4.057	25N43	65CA	4.128
25N43	65C	4.171	25N43	67CZ	4.741	25 <b>N4</b> 3	67CE2	4.807
25N43	67CE1	4.973	25N43	67N	4.980			A Committee of the Comm

### TABLE XXIV

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide.

Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist
25C1	2410H2	3.570	25C1	184CD1	3.752	25C1	184CB	3.771
25C1	184CG	3.795	25C1	1840	3.855	25C1	180D1	3.918
25C1	184CA	3.940	25C1	18ND2	4.077	25C1	184C	4.295
25C1	18CG	4.335	25C1	200	4.526	25C1	184NE1	4.545
25C1	184CD2	4.638	25C2	180D1	2.991	25C2	184CD1	3.364
25C2	184CA	3.673	25C2	200	3.682	25C2	18CG	3.691
25C2	184CG	3.828	25C2	20N	3.856	25C2	18ND2	3.872
25C2	184CB	3.927	25C2	1840	4.146	25C2	19CG	4.202
25C2	184C	4.236	25C2	184NE1	4.236	25C2	1830	4.241
25C2	20CA	4.325	25C2	20C	4.444	25C2	19N	4.506
25C2	184N	4.779	25C2	2410H2	4.781	25C2	19C	4.859
25C2	184CD2	4.882	25C2	183C	4.942	25C2	18CB	4.966
25C3	200	2.766	25C3	184CD1	3.449	25C3	19CG	3.485
25C3	20N	3.566	25C3	180D1	3.700	25C3	20C	3.715
25C3	184NE1	3.945	25C3	20CA	3.980	25C3	19CD	4.274
25C3	184CG	4.298	25C3	19C	4.413	25C3	1830	4.573
25C3	19N	4.586	25C3	184CA	4.627	25C3	19CB	4.636
25C3	18CG	4.663	25C3	19CA	4.734	25C3	19NE2	4.739
25C3	184CB	4.805	25C3	190E1	4.890	25C3	21N	4.941
25C3	184CE2	4.965	25C4	200	2.926	25C4	184CD1	3.912
25C4	184NE1	3.991	25C4	20C	4.103	25C4	19CG	4.382
25C4	20N	4.662	25C4	184CG	4.708	25C4	20CA	4.787
25C4	19CD	4.799	25C4	184CE2	4.822	25C4	180D1	4.987
25C4	2410Н2	4.989	25C4	19NE2	4.989	25C5	2410H2	3.832
25C5	200	3.929	25C5	184CD1	4.241	25C5	184NE1	4.312
25C5	184CG	4.671	25C5	184CE2	4.778	25C5	184CD2	4.987
25C6	2410H2		25C6	184CD1	4.176	25C6	184CG	4.243
25C6	184CB	4.555	25C6	184NE1	4.583	25C6	200	4.631
25C6	184CD2	4.694	25C6	184CE2	4.889	25C7	200	2.932

# TABLE XXIV

S		and the second		1.00		
25C7	20C	4.097	25C7 19NE2	4.319	25C7 19CG	4.452
25C7	184NE1	4.478	25C7 19CD	4.533	25C7 21CA	4.627
25C7	220	4.737	25C7 184CD1	4.756	25C7 21N	4.840
25C7	21C	4.925	2508 19NE2	3.416	2508 19CD	3.782
2508	184NE1	3.951	2508 200	4.046	2508 19CG	4.180
2508	190E1	4.351	2508 220	4.445	2508 184CD1	4.559
2508	184CE2	4.877	25C9 19NE2	4.211	25C9 184NE1	4.403
25C9	19CD	4.724	25C11 162ND1	4.502	25C11 184CZ2	4.687
25C11	162CE1	4.868	25C14 162ND1	3.357	25C14 162CG	3.831
25C14	162CB	4.001	25C14 162CE1	4.036	25C14 162CA	4.368
25C14	1610	4.489	25C14 184CZ2	4.614	25C14 162CD2	4.682
25C14	1610D1	4.720	25C14 162N	4.758	25C14 162NE2	4.766
25C14	161C	4.794	25C14 25SG	4.940	25015 162CB	3.130
25015	162ND1	3.165	25015 162CG	3.174	25015 1610D1	3.790
25015	162CA	3.794	25015 162CE1	3.969	25015 162CD2	4.004
25015	162N	4.125	25015 184CZ2	4.191	25015 162NE2	4.407
25015	161C	4.425	25015 1610	4.436	25015 137CB	4.597
25015	161CG	4.704	25015 1370	4.758	25015 161CB	4.862
25015	184CH2	4.953	25N16 162ND1	3.293	25N16 25SG	3.828
25N16	1610	3.898	25N16 162CE1	4.030	25N16 162CG	4.119
25N16	162CA	4.252	25N16 162CB	4.323	25N16 161C	4.537
25N16	25CB	4.583	25N16 162N	4.723	25N16 19NE2	4.776
25N17	25 <i>S</i> G	2.713	25N17 1610	2.829	25N17 162ND1	2.962
25N17	162CA	3.321	25N17 161C	3.640	25N17 162CG	3.800
25N17	162CB	3.840	25N17 162N	3.876	25N17 25CB	3.878
25N17	162CE1	3.946	25N17 163N	4.346	25N17 162C	4.395
25N17	161CA		25N17 162CD2		25C18 184NE1	4.080
	19NE2	4.103	25C18 184CZ2	4.414	25C18 162ND1	
No. of S.	Control of the second			125111 1 60	25C18 19OE1	
					25C19 25CB	
					25C19 25N	
					25C19 162CE1	
					25C19 23C	
			The second secon		25C19 161C	
					25C19 25C	
					25020 25CB	
25020	19NE2	3.371	25020 23CA	3.588	25020 23C	3.681

### TABLE XXIV

* 35.00 Aug - 17	7. N. A.	• • • • • • • • • • • • • • • • • • • •			
25020 25N	3.725	25020 230	3.770	25020 162ND1	4.071
25020 25CA	4.076	25020 190E1	4.231	25020 19CD	4.248
25020 24N	4.306	25020 162CE1	4.450	25020 1610	4.781
25020 24C	4.875	25020 23N	4.969	25C21 160CD1	3.590
25C21 1580	3.615	25C21 160CG	3.707	25C21 160CB	3.983
25C21 160N	4.442	25C21 158C	4.580	25C21 160CA	4.835
25C22 160CD1	3.593	25C22 160CG	4.157	25C22 160CB	4.282
25C22 209CD2	4.511	25C22 209CD1	4.980	25C22 1580	4.986
25C23 160CD1	4.157	25C23 209CD2	4.159	25C23 67CE1	4.205
25C23 160CB	4.279	25C23 1600	4.519	25C23 67OH	4.588
25C23 160CG	4.625	25C23 67CZ	4.894	25C24 160O	3.474
25C24 160CB	3.993	25C24 160C	4.419	25C24 160CA	4.596
25C24 160N	4.617	25C24 160CD1	4.665	25C24 160CG	4.704
25C24 67CE1	4.808	25С24 67ОН	4.862	25C25 1600	3.271
25C25 160N	3.593	25C25 160CB	3.664	25C25 1580	3.952
25C25 160CA	3.958	25C25 160C	3.985	25C25 160CG	4.302
25C25 160CD1			4.710	25C25 159CA	4.972
25C25 158C	4.995	25C26 1580	2.899	25C26 160N	3.477
25C26 160CB	3.661	25C26 160CG	3.791	25C26 158C	3.973
25C26 160CA	4.096	25C26 160CD1	4.159	25C26 160O	4.202
25C26 159C	4.497	25C26 159CA	4.565	25C26 160C	4.606
25C26 159N	4.714	25C26 158CA	4.955	25C27 1600	3.338
25С27 67ОН	4.363	25C27 67CE1	4.376	25C27 160C	4.512
25C27 67CZ	4.684		4.754	25028 1600	2.420
25028 160C	era	25028 161CA	4.394	25028 160CB	4.473
25028 161N	4.476	25028 160CA	4.624	25028 1610	4.916
25028 161C	4.988	25C29 1600	3.266	25C29 160C	4.372
25C29 1610	4.438	25C29 161CA	4.632	25C29 161C	4.791
2 x 300 xx (2 2 2 2 2 2 2 2	* * * * * * * * * * * * * * * * * * *	25C29 67CE1		25C29 161N	4.959
25030 67CE1	3.985	25030 660	4.035	25030 67CD1	4.256
25030 67CZ	4.313	25030 1600	4.446	25030 66C	4.682
25030 670н	4.687	25030 67CG	4.823	25030 67CE2	4.858
25C31 1610	3.206	25C31 161C	3.941	25C31 660	3.994
25C31 163CB	4.458	25C31 163N	4.486	25C31 25SG	4.527
25C31 1600					4.697
				25C32 660	2.742
25C32 66C	3.901	25C32 163CB	4.205	25C32 26CB	4.317

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				*				
				TABLE X	XIV			
25C32	66N	4.512	25C32	67CA	4.651	25C32	1610	4.691
25C32	67N	4.724	25C32	68SD	4.771	25C32	66CA	4.830
25C33	660	3.447	25C33	68SD	3.722	25C33	163CB	3.798
25C33	209CD2	4.102	25C33	68CE	4.212	25C33	134CB	4.330
25C33	67CA	4.465	25C33	66C	4.538	25C33	67CD1	4.678
25C33	163CA	4.689	25C33	26CB	4.751	25C33	163N	4.950
25C34	134CB	3.099	25C34	163CB	3.583	25C34	209CD2	3.879
25C34	134CA	3.973	25C34	163CA	3.984		163N	4.154
25C34	68SD:	4.317	25C34	1620	4.344	25C34	162C	4.346
25C34	68CE	4.364	25C34	1600	4.704	25C34	1610	4.819
25C34	660	4.910	25C34	161C	4.924	25C34		4.972
25C34	134C	4.977	25C34	134N	4.991	25C35	209CD2	3.174
25C35	67CD1	3.240	25C35	660	3.588	25C35	mastri. William	3.813
25C35	67CE1	3.871	25C35	67CG	3.924	7894 A . 30	67CB	4.168
25C35	68SD	4.179	25C35	209CG	4.360	25C35	68CE	4.389
25C35	66C	4.393	25C35	2340H2	4.424	25C35	67N	4.535
25C35	134CB	4.642	25C35	68N	4.661	25C35	67C	4.803
25C35	67CZ	4.930	25C35	67CD2	4.976		1610	3.232
25C36	25SG	3.829	25C36	660	4.065	25C36		4.303
25C36	66N	4.338	25C36		4.529	25C36		4.948
25C36	163N	4.963	25C36	26CB	5.000	25037	66N	3.256
25037	65CA	3.411	25037	660	3.590	25037	65C	3.845
25037	1610	4.314	25037	66CA	4.368	25037	66C	4.383
25037	26CD1	4.400	25037	25SG	4.578	25037	65N	4.736
25037	640	4.804	25037	26CB	4.911	25037	26CG	4.987
25N38	1610	2.583	25N38	25SG	2.797			
25N38	162CA						162N	amanaka ka
The state of the s		and the second second	12.		4.720			
					2.623			
25N39	230	3.947	25N39	25CB	4.194	25N39	23C	4 527
25N39	161C	4.625	25N39	65CA	4.670	25N39	25N	4.673
					4.961			
					3.216			
					4.036			4.304
	162N					· · · · · · · · · · · · · · · · · · ·		
	A CONTRACTOR OF THE							• •

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### TABLE XXV

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone.

Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist	Atom	1 Atom 2	na LE
							I ACOM Z	DISC.
25C1	1840	4.017	25C1	184CD1	4 222	2501		
25C1	184CB	4.338	25C1	184CA	11.11.11.11.11.11.11.11.11.11.11.11.11.	25C1	184CG	4.294
25C1	184C	4.634	25C1		4.431	25C1	180D1	4.581
		attitive partialities, activi	AN JAWASASA	184NE1	4.872	25C1	184CD2	4.992
25C2	200	3.689	25C2	20C	4.194	25C2	21NE2	4.254
25C2	184CD1	4.266	25C2	20N	4.386	25C2	20CA	4.394
25C2	19CG	4.696	25C2	180D1	4.707	25C2	184NE1	4.731
25C2	184CG	4.742	25C2	184CA	4.975	25C3	200	3.755
25C3	184CD1	4.039	25C3	184NE1	4.087	25C3	21NE2	4.111
25C3	20C	4.569	25C3	19CG	4.678	25C3	184CG	4.714
25C3	184CE2	4.790	25C3	19CD	4.992	25C4	184NE1	3.514
25C4	184CD1	3.761	25C4	184CE2	3.871	25C4	184CG	4.236
25C4	184CD2	4.302	25C4	184CZ2	4.446	25C4	21NE2	4.858
25C5	184CE2	3.679	25C5	184NE1	3.687	25C5	184CD2	3.688
25C5	184CD1	3.704	25C5	184CG	3.711	25C5	184CZ2	4.317
25C5	184CE3	4.332	25C5	184CB	4.417	25C5	184CH2	4.847
25C5	184CZ3	4.856	25C6	184CG	3.747	25C6	184CD1	3.955
25C6	184CB	3.964	25C6	184CD2	4.101	25C6	1840	4.262
25C6	184NE1	4.395	25C6	184CE2	4.487	25C6	184CA	4.531
25C6	184CE3	4.701	25C6	184C	4.882	25C7	184NE1	3.584
25C7	184CE2	3.808	25C7	184CZ2	3.945	25C7	184CD1	4.327
25C7	184CD2	4.651	25C7	184CH2	4.855	25C7	184CG	4.925
2508	184NE1	3.393	2508	184CE2	3.944	2508	184CZ2	4.069
2508	184CD1	4.312	2508		4.602	2508	19CD	4.825
25C9	184NE1	3.291	25C9	184CZ2	3.627	25C9	184CE2	3.765
25C9	162ND1	3.949	25C9	162CE1	4.256	25C9	184CD1	4.478
25C9	19NE2	4.492	25C9	190E1	4.778	25C9	19CD	4.791
25C9	184CH2	4.870		184NE1	2.688		162ND1	2.878
25010	162CE1	3.073	4. 1		3.353	A	184CZ2	3.407
25010	190E1	3.804		184CD1	3.882		19NE2	3.911
25010	19CD	4.053		162CG	4.083		162NE2	4.247
25010	184CD2	4.680	1 1	184CH2	4.748		162CD2	4.767
25010	162CB	4.822	25010		4.894		184CG	4.921
25010		4.959		1610	3.603			3.785
, न्यून: <b>न</b>				-0.40	J . U.U.J			

### TABLE XXV

	4.4					e mining in a company			5. 39993.9
25C11	162CB	4.170	25C11	162CG	4.352	25C11	184CZ2	4.	547
25C11	161C	4.651	25C11	1610D1	4.678	25C11	162CE1	4.	739
25C11	162CA	4.759	25C12	1610	3.598	25C12	1610D1	3.	692
25C12	161CG	4.426	25C12	161C	4.497	25C12	162CB	4.	500
25C12	161CB	4.644	25C12	162ND1	4.828	25C13	1610D1	×98/800	668
25C13	1370	3.927	25C13	137C	4.080	25C13	138N		272
25C13	184CZ2	4.318	25C13	138CA	4.377	25C13	137CB	Sec. 1	500
25C13	143NE2	4.527	25C13	161CG	4.603	25C13		400 200	651
25C13	184CH2	4.656	25C13	162CB	4.732	in the state of the state of the state of	137CA	40.900	757
25C14	143NE2	3.452	25C14	184CZ2	4.059	25C14	And the Association of the Section 1999 in		191
25C14	184CH2	4.327	25C14	143CD	4.676	25C14	337 N 3 N 4 G 10 G 4 G 4	Assistant Co.	726
25C14	138CA	4.757	25C14	138N	4.988	8 J 19 (2000) 2 (2000) 1 J 2 C	1610D1		025
25C15	138CA	3.182	25C15	138N	3.231	25C15	or the first transfer of the		477
25C15	138CB	3.598	25C15	1370	3.616	. A	161CG	Sec. 3.69	781
25C15	137CA	4.362	25C15	1000	4.367	25C15	occhiya kitawekan ya jiro		495
25C15	138C	4.523	25C15	137CB	4.599	25C15	143NE2	3.3% 20	610
25C15	1380G	4.662	25C15	161CB		25C15			905
25C15	1610	4.924	25C16		3.101		162ND1	A 25 30	231
25C16	161C	4.310	1.0		2 - 12		25SG	84 SW. 5 :	612
25C16	162CA	4.657	25C16	162CG	4.876	25C16			992
25017	1610	3.437	25017	2 to 2 to 3 to 3 to 3 to 3 to 3 to 3 to	4.661		1610	W. 14 W. 15	143
25N18	25SG	3.301		162ND1	3.608		162CA		880
25N18	162CB	4.239	25N18			- KK Www	162CG	Maria Car	379
25N18	25CB	4.462	25N18	162CE1	4.653		The Mark West Control	3.000	581
25N18	19NE2	4.948	25N18	a the figure	4.995				850
25C19	1610	3.592	25C19		4.261	25C19	25CB	28.97 W.	284
25C19	162ND1	4.530	25C19	23C	4.535			1000	545
25C19	161C	4.613	25C19	230	4.725	25C19	25N	(3.3990)	314
25N20	184CZ2	4.159	er gjaran er	162ND1			184NE1	Y:	152
25N20	184CE2	4.669			4.970	25C21	7 t 180 t 6000 t 180 t		74
25C21	25 <b>S</b> G	3.220	25C21	왕마하다 됐다면 내	them of a little of	25C21	to district the con-		288
25C21	162N	4.439	25C21		4.747	25C21	15.011.01.096891		360
25C21	-		25C22				25CB	V	
25C22	25N								
25C22	23CA	3.914	25C22	230	4.043	25C22	24N	4.0	)52
25C22	19NE2	4.196	25C22	24C	4.394	25C22	162ND1	4.3	399
	26N								
				162CA				4.8	
25C22	26CD1						25N	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.00
25023							23CA		
25023	23C	3.263	25023	24N	3.328	25023	25CA	3.4	59
25023				24C				4.0	
25023		4.163	25023			25023		4.3	100
	•					· ·.			

				TABLE X	XV			
	162ND1	ABANT KWAMA		23N	4.535	25023		4.653
25023		4.784	25023		4.908	er experimentation and	162CE1	4.912
25C24	590 61N	3.356 4.252	25C24 25C24			25C24		4.139
	67CE2	1,444,134,656,650,000		医乳头性多形形 医足 联	4.327 4.424	25C24	- 50° 0 ° 1480° 320°	4.397
25C24		<ul> <li>And Table 16</li> </ul>	25C24		4.781	25C24 25C24	67CD2	4.649
	66CA	4.888		61CG	4.890	25C25	650 610D2	4.810 2.979
25C25		化氯化甲酰胺	25C25		3.582	25C25	61CG	3.623
25C25	650	4.058	陈敬不知题。—	- 0.00 ( ) - 23, 2 - 51, 3	4.074	25C25	61CA	4.084
25C25	590	4.120	25C25	60CA	4.277	25C25	610D1	4.827
25C25	65C	4.828	25C25	600	4.832	25C25	66CA	4.907
25C26	61CB	3.331	25C26	650	3.342	25C26		and the second of the second
25C26	61CG	3.818	25C26	61N	3.860	25C26	65C	3.890
25C26		4.226	25C26	640	4.287	25C26	66N	4.362
25C26		4.392	25C26	MWW with a color	4.694	25C26	65CA	4.697
25C26		4.855	25C26	18 7.34 00084-014	4.925	25C26	60CA	4.944
25C27	650	3.537	25C27	ાં મુખ્ય વિશ્વીસ ઉત્તરના છે.	3.661	25C27	66N	3.764
25C27		3.789	25C27	an a Massana a	4.460	25C27	65CA	4.463
25C27		4.501	25C27		4.521	25C27	66C	4.533
25C27		4.713	25C27	67CD2	4.833	25C27	67CZ	4.873
25C27 25C28	610D2 67CD2	4.935 3.493	25C27	660	4.986	25C28	67CE2	3.131
25C28		4.121	25C28 25C28		3.739	25C28	66CA	3.757
25C28			25C28		4.151 4.368	25C28	66N	4.180
25C28	7.87	4.453	25C28	and the second of the second	4.537	25C28 25C28	67N 60ND2	4.383
25C28		4.719	25C28	67CD1	4.789	25C29	67CE2	4.576 3.099
25C29	the state of the state of	3.367	25C29	60ND2	4.065	25C29	57CE2 590	4.096
25C29		4.107	3.24	66CA	4.348	2 Jan 2 W. S. W. 1997 2 St. 1881	<ul> <li>MACCO A 10 (1997)</li> </ul>	4.510
25C29	670H				and the same of the same	25C29	60CA	4.697
	the second secon	e nave and expendingly by	25C29		4.794	. N. " " " " " "		4.942
25C30	65C	3.364	25C30		3.477	******** *** ***	The Court of the C	3.676
	65CA	3.705	25C30	640				
	64C	4.521		65N				4.606
25C30		4.690	25031	66N	4.304	25031		4.471
	670H			67CZ	4.562	25031	65CA	4.615
	640			66CA	4.801	25031	660	4.804
25031	67CE1	4.862	25031	67CE2	4.899	25031	650	4.995
25031	66C	4.998	25C32	660				4.247
	65CA				4.675	25C32		
25032	670"	4.745	25C32	67CZ	4.797	25C32	66CA	4.862
25033	670H	4.900	25033	67CE1	4.116	25033	67CZ	4.445
25033	2530H2	4.405 4.217	25033	660 1600	4.028	25033	6/CD1	4.718
2,000	2330nz	*.012	22023	1000	4.007	43034	000	3.728

### TABLE XXV

7.7			- 1.1414 1 24	a salawa i			: •	
25C34	66N	4.086	25C34	65CA	4.283	25C34	65C	4.685
25C34	25 <i>S</i> G	4.701	25C34	66C	4.710	25C34	1610	4.715
25C34 1	61C	4.780	25C35	660	3.094	25C35	66C	4.237
25C35	68CE	4.248	25C35	66N	4.449	25C35	163CB	4.779
25C35 1	63N	4.929	25C35	66CA	4.993		660	4.248
25C36 1	34CB	4.455	25C36	209CD2	4.608	25C36	68CE	4.627
25C36 1	600	4.689	25C36	162N	4.700	25C36		4.804
25C36 1	61C	4.832	25C36	161CA	4.852	25C36	67CD1	4.855
25C36	67CE1	4.866	25C36	161N	4.905	25C36	160CB	4.964
25C37 1	62N	3.453	25C37	134CB	3.566	25C37	162C	3.722
25C37 1	63N	3.858	25C37	1620	3.881	25C37	161C	3.888
25C37 1	61N	4.019	25C37	162CA	4.040	25C37	161CA	4.109
25C37 1	60C	4.197	25C37	163CA	4.335	25C37	163CB	4.414
25C37 1	600	4.461	25C37	160CB	4.479	25C37	134CA	4.485
25C37 1		4.643	25C37	160CA	4.832	25C37	68CE	4.842
25C37 20	09CD2	4.996	25C38	209CD2	3.377	25C38	67CD1	3.746
	67CE1	3.972	25C38	68CE	4.019	25C38	134CB	4.063
	660	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25C38	209CG	4.387	25C38	67CG	4.813
	67CA	4.927	25C39	65CA	3.495	25C39	25 <i>S</i> G	3.606
	6 <b>6N</b>	3.612	25C39	660	3.741	25C39	26CD1	4.029
	65C	4.099	25C39	26CB	4.554	25C39	26CG	4.652
	66C	4.666	25C39	65N	4.740	25C39	26N	4.747
100	66CA		25C39	230	4.898	25C39 1	1610	4.941
	56N	2.789		660		25040	26CD1	2.937
	55CA	3.211	25040	26CB	3.444	25040	26CG	3.455
	55C	3.479	25040	66C	3.767	25040	66CA	3.842
	25 <i>S</i> G	3.892	25040	26N	3.999	25040	26NE1	4.011
	26CA	4.273	25040	65N		25040	230	4.581
	26CD2		25040	650	4.703	25040	68CE	4.926
	26CE2	4.943	25040	25N	4.988	25N41	25SG	2.879
IVI	5CA	45 4 4 4	25N41 1		4.253	10,000	230	4.382
	6CD1	4.417		66N		25N41	25CB	4.611
25N41 2	3C	4.734	25N41	65N	4.734	25N41	65C	4.774
25N41 2				.61C	4.855	25N41	26N	4.870
25N41 16	1 .				4.932			
25C42 2		3.257	25C42	23C	3.448	25C42	25N	3.529
25C42 2 25C42 2					3.771			
			25C42		3.966			4.147
25C42 2		4.150	25042	24C	4.282	25C42	24CA	4.390
25C42 6 25C42 2	PCC	4.409	25042	26NE1	4.524	25C42	25C	
25C42 2 25C42 2	SCP	4.728	25C42	ODN	4.771	25C42	100	4.825
					3.501			3.665
ס נאמרץ	30	3.722	25N43	65C	3.917	25N43	66C	4.394

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### TABLE XXV

25N43 66CA 4.413 25N43 640 4.690 25N43 650 4.923

25N43 65N 4.930

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### TABLE XXVI

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone.

Atom	1 Atom :	2 Dist.	Atom	1 Atom :	2 Dist.	Atom	1 Atom	2 Dist.
25C1		3.241	25C1	180D1	3.446	25C1	184CD1	3.907
25C1	184CB	3.929	25C1	184CG	3.941	25C1	184CA	4.202
25C1	18CG	4.369	25C1	18ND2	4.563	25C1	184NE1	4.640
25C1	1840	4.676	25C1	184CD2	4.729	25C1	184C	4.752
25C1	21NE2	4.852	25C1	20N	4.956	25C2	184CD1	3.751
25C2	184CG	3.778	25C2	184NE1	4.100	25C2	184CD2	4.156
25C2	184CB	4.179	25C2	184CE2	4.339	25C2	2420H2	4.411
25C2	180D1	4.705	25C2	184CA	4.841	25C2	184CE3	4.910
25C3	184NE1	3.789	25C3	184CD1	3.817	25C3	184CE2	4.203
25C3	184CG	4.246	25C3	184CD2	4.475	25C3	200	4.505
25C3	184CZ2	4.908	25C3	21NE2	4.969	25C4	200	3.140
25C4	19CG	4.004	25C4	20C	4.011	25C4	184CD1	4.042
25C4	184NE1	4.079	25C4	21NE2	4.367	25C4	20N	4.403
25C4	19CD	4.509	25C4	20CA	4.543	25C4	210E1	4.778
25C4	184CG	4.809	25C4	180D1	4.811	25C4	184CE2	4.867
25C4	21CD	4.895	25C4	19NE2	4.938	25C4	21N	4.965
25C5	200	2.695	25C5	20N	3.202	25C5	20C	3.263
25C5	20CA	3.407	25C5	180D1	3.589	25C5	19 <b>C</b> G	3.659
25C5	21NE2	3.950	25C5	19C	4.127	25C5	184CD1	4.183
25C5	21N	4.369	25C5	2420H2	4.392	25C5	18CG	4.548
25C5	19CD	4.599	25C5	184NE1	4.619	25C5	19N	4.620
25C5	19CA	4.668	25C5	19CB	4.730	25C5	21CD	4.753
25C5	18ND2	4.801	25C5	190	4.927	25C5	184CG	4.931
25C5	1830	4.975	25C5	210E1	4.987	25C6	180D1	2.695
25C6	2420H2	3.232	25C6	20N	3.572		18CG	3.627
25C6	18ND2	3.837	25 <b>C</b> 6	20CA	3.842	25C6	200	3.869
25C6	184CD1	4.122	25C6	20C		25C6		4.219
25C6	19CG	4.448	25C6	184CA	4.454	J. 50. X	184CG	4.538
25C6	184CB	4.595	25C6	19N		25C6	1.9C	1.550 1.660

# TABLE XXVI

$44.0 \pm 3.0$			1 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	North and the state of		Apr. 10 12 15 4		
25C6	1830	4.825	25C6	2440н2	4.841	25C6	184NE1	4.878
25C7	200	2.832	25C7	19CG	3.901	25C7	20C	3.960
25C7	19CD	4.075	25C7	19NE2	4.108	25C7	220	4.387
25C7	184NE1	4.479	25C7	22N	4.658	25C7	21CA	4.703
25C7	190E1	4.733	25C7	210E1	4.734	25C7	21N	4.779
25C7	184CD1	4.791	25C7	20N	4.797	25C7	21NE2	4.850
25C7	20CA	4.870	2508	200	4.185	2508	184NE1	4.318
2508	19NE2	4.505	2508	19CD	4.575	2508	19CG	4.801
2508	184CE2	4.904	2508	184CD1	4.980	2508	190E1	4.989
25C9	184NE1	3.701	25C9	19NE2	4.091	25C9	19CD	4.179
25C9	184CE2	4.209	25C9	184CZ2	4.214	25C9	190E1	4.322
25C9	162CE1	4.669	25C9	184CD1	4.680	25 <b>C</b> 9	19CG	4.819
25010	184NE1	2.553	25010	184CE2	3.148	25010	184CZ2	3.297
25010	190E1	3.438	25010	19CD	3.591	25010	184CD1	3.650
25010	162CE1	3.653	25010	19NE2	3.822	25010	162ND1	4.295
25010	영 사람들은 것	4.332	25010	184CD2	4.379	25010	162NE2	4.393
	184CH2	4.579	25010	184CG	4.611	25C11	162ND1	3.950
	162CE1	4.196	25C11	184CZ2	4.648	25C11	19NE2	4.924
	162CG	4.968	25C12	162ND1	4.717	25C12	1610	4.982
	1610D1		25C13	162ND1	4.533	25C13	161CG	4.712
	1610	4.749	25C13	184CZ2	4.831	25C13	162CB	4.860
25C13	162CG	4.864	25C13	1370	4.980	25C14	1610D1	3.145
4	162ND1	3.354	25C14	162CB	3.366	25C14	162CG	3.508
25C14	N	3.685	25C14	161C	3.990	25C14	162CA	4.004
	161CG	4.037	25C14	162N	4.168	25C14	162CE1	4.261
	137CB	4.367	25C14	161CB	4.378	25C14	162CD2	4.476
	184CZ2	4.641	25C14	137C	4.815	25C14	162NE2	4.847
	161CA		25C14		4.907			5.000
25C15	1370	4.063	25C15	184CZ2	4.064	25C15	184CH2	4.220
25C15	137C	4.530	25C15	1610D1	4.738	25C15	138CA	4.806
25C15	138N	4.887	25C15	137CB	4.908	25C16	162ND1	4.014
	25 <i>S</i> G							
25C16	23CA	4.579	25C16	1610	4.665	25017	23CA	3.462
25017	19NE2	3.921	25017	23C	4.371	25017	23N	4.429
25017	220	4.568	25017	25SG	4.579	25017	22C	4.858
25017	19CD	4.877	25017	230	4.921	25017	24N	4.983
25N18	25 <b>S</b> G	3.257	25N18	162ND1	3.402	25N18	1610	3.468

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					TABLE X	XVI		
	25N18	162CE1	4.081	25N18	25CB	4.457	25N18 162CG	4.523
	25N18	161C	4.569	25N18	162CA	4.582	25N18 162CB	4.845
	25N18	19NE2	4.859	25C19	25 <i>S</i> G	2.794	25C19 1610	3.684
	25C19	25CB	4.234	25C19	162ND1	4.247	25C19 23CA	4.366
	25C19	230	4.457	25C19	23C	4.497	25C19 25N	4.673
	25C19	161C	4.876	25C19	162CE1	4.889	25C19 19NE2	4.898
	25N20	19NE2	4.613	25 <b>N</b> 20	184NE1	4.773	25N20 184CZ2	4.805
	25N20	162CE1	4.936	25N20	19CD	4.991	25C21 1610	2.879
	25C21	25 <i>S</i> G	3.218	25C21	161C	4.048	25C21 162CA	4.631
	25C21	162N	4.811	25C21	65CA	4.831	25C21 162ND1	4.843
	25C21	25CB	4.939	25C21	163N	4.976	25C22 25SG	1.746
	25C22	25CB	2.980	25C22	25N	3.156	25C22 25CA	3.592
	25C22	230	3.702	25C22	23C	3.712	25C22 23CA	4.038
	25C22	19NE2	4.077	25C22	24N	4.130	25C22 26N	4.232
	25C22	162ND1	4.246	25C22	24C	4.298	25C22 25C	4.374
	25C22	162CE1	4.608	25C22	24CA	4.620	25C22 1610	4.649
	25C22	26CD1	4.828	25C22	190E1	4.874	25C22 19CD	4.942
	25023	25SG	2.426	25023	25N	2.644	25023 25CB	2.944
	25023	19NE2	2.944	25023	23C	2.957	25023 24N	3.189
	25023	23CA	3.211	25023	230	3.326	25023 25CA	3.349
	25023	24C	3.666	25023	24CA	3.882	25023 19CD	3.941
	25023	190E1	4.099	25023	220	4.365	25023 25C	4.451
K.	25023	26N	4.481	25023	23N	4.525	25023 162ND1	4.590
		162CE1		25023			25023 22C	4.910
			4.095	25C24	66N	4.264	25C24 65C	4.356
	and at the first	- N. W. E. H. & A.	0.00	West of the Co	化氯化基酚 经税 医电流电流	Maria and Transfer	"NOON IN THE SECTION OF THE SECTION	3.688
	N 1. W .	and the second of the second	and the second second	477 1 487 1.0	e design i De te passing i i i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4.458
			. 100	77 77. 17.41	/ /	<ol> <li>ON STATE OF STATE</li> </ol>	25C25 161CA	4.939
Sec. 25.							TO CONTRACT TO A 1997 A 19	3.481
		$-\mathcal{F}_{AB} = 0$ , $\mathcal{F}_{AB} = 0$		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		the second of the second second second	25C26 163N	
		2			7	1. Programme 1. The profit of the pro-	ra — rafekur irrailet ili ilini irrafi serilet	4.799
			****					3.472
1 1		Nec .				Anna Parago e a		4.320
								4.548
							25C27 162N	and the second second
and the second second		and the second of the second o		10.00		44 4 44	25C28 160C	
	25C28	6/CE1	4.588	25C28	161CA	4.739	25C28 660	4.818

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## TABLE XXVI

けいし きんこう			al, 255 AT 87 2 15	70 data 10 ki 252	38 - 7 - 1158	t Negatia, will be a	and the Martin Alberta Commercial	1.45
25C28	161N	4.934	25C28	67CD1	4.955	25C29	209CD2	3.439
25C29	134CB	3.686	25C29	1600	4.049	25C29	160CB	4.234
25C29	160C	4.490	25C29	67CD1	4.759	25C29	660	4.795
25C29	209CG	4.839	25C29	67CE1	4.896	25C30	660	3.533
25C30	66N	3.616	25C30	25 <i>S</i> G	3.883	25C30	65CA	3.972
25C30	26CD1	4.246	25C30	26CB	4.295	25C30	65C	4.296
25C30	1610	4.302	25C30	66C	4.432	25C30	66CA	4.591
25C30	26CG	4.623	25C30	26N	4.737	25C30 1	L63CB	4.852
25C30	163N	4.940	25031	660	2.635	25031	66N	2.846
25031	26CB	3.199	25031	26CD1	3.340	25031	66C	3.423
25031	26CG	3.516	25031	66CA	3.653	25031	65C	3.792
25031	65CA	3.821	25031	26N	4.122	25031	26CA	4.160
25031	25SG	4.278	25031	26NE1	4.531	25031	67N	4.618
25031	163CB	4.642	25031	26CD2	4.797	25031	650	4.959
25N32	25SG	2.963	25N32	1610	3.860	25N32	65CA	4.049
25N32	66N	4.382	25 <b>N</b> 32	230	4.384	25N32	26CD1	4.398
25N32	26N	4.601	25 <b>N3</b> 2	25CB	4.628	25N32	25N	4.764
25N32	65C	4.790	25N32	660	4.806	25N32 1	63N	4.815
25N32	26CB	4.836	25N32	161C	4.880	25 <b>N</b> 32	23C	4.985
25C33	25SG	2.418	25C33	230	3.256	25C33	25N	3.403
25C33	26CD1	3.587	25C33	26N	3.672	25C33	25CB	3.751
25C33	23C	3.758	25C33	25CA	3.959	25C33	65CA	3.999
25C33	25C	4.264	25C33	24N	4.334	25C33	24C	4.346
25C33	26CG	4.388	25C33	26CB	4.392	25C33	23CA	4.425
25C33	66N	4.510	25C33	24CA	4.531	25C33	26CA	4.616
25C33	26NE1	4.621	25C33	65C	4.831	25C33	65N	4.901
25C33	1610	4.934	25N34	660	3.486	25N34	66N	3.771
25N34	65CA	4.261	25 <b>N34</b>	65C	4.264	25N34	66C	4.330
25N34	66CA	4.464	25N34	1610	4.991			

### TABLE XXVII

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone.

Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.	Atom	1 Atom 2	Dist.
25C1	2420H2	3.241	25C1	180D1	3.446	25C1	184CD1	3.907
25C1	184CB	3.929	25C1	184CG	3.941	25C1	184CA	4.202
25C1	18CG	4.369	25C1	18ND2	4.563	25C1	184NE1	4.640
25C1	1840	4.676	25C1	184CD2	4.729	25C1	184C	4.752
25C1	21NE2	4.852	25C1	20N	4.956	25C2	184CD1	3.751
25C2	184CG	3.778	25C2	184NE1	4.100	25C2	184CD2	4.156
25C2	184CB	4.179	25C2	184CE2	4.339	25C2	2420H2	4.411
25C2	180D1	4.705	25C2	184CA	4.841	25C2	184CE3	4.910
25C3	184NE1	3.789	25C3	184CD1	3.817	25C3	184CE2	4.203
25C3	184CG	4.246	25C3	184CD2	4.475	25C3	200	4.505
25C3	184CZ2	4.908	25C3	21NE2	4.969	25C4	200	3.140
25C4	19CG	4.004	25C4	20C	4.011	25C4	184CD1	4.042
25C4	184NE1	4.079	25C4	21NE2	4.367	25C4	20N	4.403
25C4	19CD	4.509	25C4	20CA	4.543	25C4	210E1	4.778
25C4	184CG	4.809	25C4	180D1	4.811	25C4	184CE2	4.867
25C4	21CD	4.895	25C4	19NE2	4.938	25C4	21N	4.965
25C5	200	2.695	25C5	20N	3.202	25C5	20C	3.263
25C5	20CA	3.407	25C5	180D1	3.589	25C5	19CG	3.659
25C5	21NE2	3.950	25C5	19C	4.127	25C5	184CD1	4.183
25C5	21N	4.369	25C5	2420H2	4.392	25C5	18CG	4.548
25C5	19CD	4.599	25C5	184NE1	4.619	25C5	19N	4.620
25C5	19CA	4.668	25C5	19CB	4.730	25C5	21CD	4.753
25C5	18ND2	4.801	25C5	190	4.927	25C5	184CG	4.931
25C5	1830	4.975	25C5	210E1	4.987	25C6	180D1	2.695
25C6	2420H2	3.232	25C6	20N	3.572	25C6	18CG	3.627
25C6	18ND2	3.837	25C6	20CA	3.842	25C6	200	3.869
25C6	184CD1	4.122	25C6	20C	4.133	25C6	21NE2	4.219
25C6	19CG	4.448	25C6	184CA	4.454	25C6	184CG	4.538
25C6	184CB	4.595	25C6	19N	4.613	25C6	19C	4.668

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	WO 97/161	77						PCT/US96	/17512
						reside			
					TABLE X	XVII			
	25C6	1830	4.825	25C6	2440H2	4.841	25C6	184NE1	4.878
	25C7	200	2.832	25C7	19CG	3.901	25C7	20C	3.960
	25C7	19CD	4.075	25C7	19NE2	4.108	25C7	220	4.387
	25C7	184NE1	4.479	25C7	22N	4.658	25C7	21CA	4.703
	25C7	190E1	4.733	25C7	210E1	4.734	25C7	21N	4.779
	25C7	184CD1	4.791	25C7	20N	4.797	25C7	21NE2	4.850
	25C7	20CA	4.870	2508	200	4.185	2508	184NE1	4.318
	2508	19NE2	4.505	2508	19CD	4.575	2508	19CG	4.801
	2508	184CE2	4.904	2508	184CD1	4.980	2508	190E1	4.989
	25C9	184NE1	3.701	25C9	19NE2	4.091	25C9	19CD	4.179
	25C9	184CE2	4.209	25C9	184CZ2	4.214	25C9	190E1	4.322
	25C9	162CE1	4.669	25C9	184CD1	4.680	25C9	19CG	4.819
		184NE1	2.553	: 3:5°4×13:4°3	184CE2	3.148	25010	184CZ2	3.297
	25010	190E1	3.438	25010	19CD	3.591	25010	184CD1	3.650
(Augusta) Valoria		162CE1	3.653	25010		3.822	J	162ND1	4.295
	25010	19CG	4.332	M28.423.074.00	184CD2	4.379		162NE2	4.393
		184CH2	4.579		184CG	4.611		162ND1	3.950
	or part book in it	162CE1	4.196	2000	184CZ2	4.648		19NE2	4.924
	2.5	162CG	4.968		162ND1	4.717		1610	4.982
		1610D1	4.017	MALERIA KA	162ND1	4.533		161CG	4.712
	25C13		4.749		184CZ2	4.831		162CB	4.860
			THE RESERVE AND A STATE OF THE PARTY OF THE		1370			to the second se	3.145
		162ND1						162CG	
		161CG			161C				4.004
									4.261
								162CD2	
	25014	161CA	4.041	25014	137C	4.815	25C14	162NE2	4.847
	25015	1376	4.067	25014	1370	4.907	25C14	137CA	5.000
	25C15	137C	4.003	25C15	1610D1	4.064	25015	184CH2	
									4.806
	25C16	25SG	4 150	25016	10ME3	4.908	25016	162ND1 162CE1	
					19NE2 1610			•	4.375
					23C			23CA	3.462
					25C 25SG				4.429
			Y 5 A C A C C		235G 230			22C 24N	4.858
		and the second of the	The state of the s		162ND1			1610	4.983
	231120	,,-	J . L J 1	COMTO	TOTAL	J-404	2 JULO	1010	3.468

### TABLE XXVII

	and the contract of the contra					
ij,	25N18 162CE1	4.081	25N18 2	5CB 4.457	25N18 162CG	4.523
Š	25N18 161C	4.569	25N18 16	2CA 4.582	25N18 162CB	4.845
	25N18 19NE2	4.859	25C19 2	5SG 2.794	25C19 1610	3.684
	25C19 25CB	4.234	25C19 16	2ND1 4.247	25C19 23CA	4.366
Š,	25C19 230	4.457	25C19 2	3C 4.497	25C19 25N	4.673
	25C19 161C	4.876	25C19 16	2CE1 4.889	25C19 19NE2	4.898
9-1 3-1 3-1	25N20 19NE2	4.613	25N20 18	4NE1 4.773	25N20 184CZ2	4.805
	25N20 162CE1	4.936	25N20 1	9CD 4.991	25C21 1610	2.879
	25C21 25SG	3.218	25C21 16	1C 4.048	25C21 162CA	4.631
	25C21 162N	4.811	25C21 6	5CA 4.831	25C21 162ND1	4.843
y)	25C21 25CB	4.939	25C21 16	3N 4.976	25C22 25SG	1.746
	25C22 25CB	2.980	25C22 2	5N 3,156	25C22 25CA	3.592
	25C22 230	3.702	25C22 2:	3C 3.712	25C22 23CA	4.038
	25C22 19NE2	4.077	25C22 2	4N 4.130	25C22 26N	4.232
	25C22 162ND1	4.246	25C22 2	4C 4.298	25C22 25C	4.374
	25C22 162CE1	4.608	25C22 2	4CA 4.620	25C22 1610	4.649
	25C22 26CD1	4.828	25C22 19	90E1 4.874	25C22 19CD	4.942
	25023 25SG	2.426	25023 25	5N 2.644	25023 25CB	2.944
	25023 19NE2	2.944	25023 2:	3C 2.957	25023 24N	3.189
	25023 23CA	3.211	25023 23	3.326	25023 25CA	3.349
	25023 24C	3.666	25023 24	ICA 3.882	25023 19CD	3.941
	25023 190E1	4.099	25023 22	4.365	25023 25C	4.451
	25023 26N	4.481	25023 23	N 4.525	25023 162ND1	4.590
Š	25023 162CE1	4.629	25023 24	io 4.773	25023 22C	4.910
	25C24 65CA	4.095	25C24 66	N 4.264	25C24 65C	4.356
	25C24 640	4.547	25C24 66	0 4.628	25C25 660	3.688
	25C25 1610	3.862	25C25 66	N 4.313	25C25 161C	4.458
	25C25 66C	4.741	25C25 65	CA 4.778	25C25 161CA	4.939
	25C25 25SG			C 4.974		
	25C26 1610	4.269	25C26 161	.C 4.491	25C26 163N	4.695
	25C26 66C	4.696	25C26 160	0 4.785	25C26 163CB	4.799
	25C26 162N	4.915	25C26 161	CA 4.923	25C27 1600	3.472
	25C27 160C	4.089	25C27 161	CA 4.307	25C27 161C	4.320
:	25C27 161N	4.440	25C27 161	0 4.452	25C27 660	4.548
: "	25C27 160CB	4.699	25C27 134	CB 4.734	25C27 162N	4.770
5	25C27 209CD2	4.918	25C28 160	0 3.351	25C28 160C	4.338
	25C28 67CE1	4.588	25C28 161	CA 4.739	25C28 660	4.818

### TABLE XXVII

25C28	161N	4.934	25C28	67CD1	4.955	25C29 209CD2	3.439
25C29	134CB	3.686	25C29	1600	4.049	25C29 160CB	4.234
25C29	160C	4.490	25C29	67CD1	4.759	25C29 660	4.795
25C29	209CG	4.839	25C29	67CE1	4.896	25C30 660	3.533
25C30	66N	3.616	25C30	25SG	3.883	25C30 65CA	3.972
25C30	26CD1	4.246	25C30	26CB	4.295	25C30 65C	4.296
25C30	1610	4.302	25C30	66C	4.432	25C30 66CA	4.591
25C30	26CG	4.623	25C30	26N	4.737	25C30 163CB	4.852
25C30	163N	4.940	25031	660	2.635	25031 66N	2.846
25031	26CB	3.199	25031	26CD1	3.340	25031 66C	3.423
25031	26CG	3.516	25031	66CA	3.653	25031 65C	3.792
25031	65CA	3.821	25031	26N	4.122	25031 26CA	4.160
25031	25SG	4.278	25031	26NE1	4.531	25031 67N	4.618
25031	163CB	4.642	25031	26CD2	4.797	25031 650	4.959
25N32	25SG	2.963	25N32	1610	3.860	25N32 65CA	4.049
25N32	66N	4.382	25N32	230	4.384	25N32 26CD1	4.398
25N32	26N	4.601	25N32	25CB	4.628	25N32 25N	4.764
25N32	65C	4.790	25N32	660	4.806	25N32 163N	4.815
25N32	26CB	4.836	25N32	161C	4.880	25N32 23C	4.985
25C33	25SG	2.418	25C33	230	3.256	25C33 25N	3.403
25C33	26CD1	3.587	25C33	26N	3.672	25C33 25CB	3.751
25C33	23C	3.758	25C33	25CA	3.959	25C33 65CA	3.999
25C33	25C	4.264	25C33	24N	4.334	25C33 24C	4.346
25C33	26CG	4.388	25C33	26CB	4.392	25C33 23CA	4.425
25C33	66N	4.510	25C33	24CA	4.531	25C33 26CA	4.616
25C33	26NE1	4.621	25C33	65C	4.831	25C33 65N	4.901
25C33	1610	4.934	25N34	660	3.486	25N34 66N	3.771
25N34	65CA	4.261	25N34	65C	4.264	25N34 66C	4.330
25N34	66CA	4.464	25N34	1610	4.991		

### TABLE XXVIII

Table of distances in Angstroms between atoms of the inhibitor and protein for all protein atoms within 5 Angstroms of the inhibitor 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one.

Atom	1 Atom 2	Dist	Atom	1 Atom 2	Dict	3 <b>-</b>	4	N 52 2 2
	1 1100111	, Dide.	ACOM	I ACOM 2	DISC.	ACOM	1 Atom :	2 Dist.
25C1	200	2.824	25C1	20C	3.956	25C1	184NE1	4 070
25C1	184CD1	4.178		21CA	4.600	25C1	20N	4.704
25C1	21N	4.706		21NE2	4.738	25C1	19CB	4.859
25C1	19CD	4.929	25C1	20CA	4.947	25C1	184CE2	4.949
25C1		4.998		200	3.367	25C2	21NE2	4.119
25C2	2410H2	4.309	25C2	20C	4.592	25C2	184NE1	4.819
25C2	184CD1	4.860	25C3	2410H2	3.093	25C3	200	3.775
25C3	21NE2	4.450		184CD1	4.878	25C3	20C	4.988
25C4	2410H2	3.480	25C4	200	3.717		180D1	3.947
25C4	184CD1	4.219	25C4	184CG	4.493	25C4	1840	4.549
25C4	184CB	4.602	25C4	184CA	4.747	25C4	18CG	
25C4	18ND2	4.754	25C4	20C	4.826		184NE1	4.754
25C4	20N	4.964	25C4	184C	4.980	25C5	200	4.840
25C5	180D1	3.271	25C5	184CD1	3.400	7 3		3.239
25C5	184CG	4.002	25C5	184NE1	4.111	25C5	20N	3.933
25C5	20C	4.232	25C5	18CG		25C5	184CA	4.118
25C5	19CB	4.402	25C5		4.245	25C5	184CB	4.256
25C5	20CA	4.510	25C5	19N	4.499	25C5	1840	4.503
25C5	18ND2	4.606	25C5		4.552	25C5	184C	4.587
25C5	2410H2	4.867		19C	4.765	25C5	19CA	4.817
25C6		3.361	25C5	184CD2	4.968	25C6		2.740
25C6		3.761	25C6	184NE1	3.660	25C6		3.746
25C6			25C6	19CB	3.788	25C6	180D1	4.136
25C6	19CG	4.290	25C6	184CG	4.321	25C6	20CA	4.335
25C6	19C	4.361	25C6	19CD	4.428	25C6	19CA	4.488
25C6	190E1	4.526	25C6		4.653	25C6	184CE2	4.729
·· ×	1830	4.737	25C6	21N	4.769	25C6	184CA	4.918
25C6	184CB	4.981	25C6	19NE2	4.990	2507	200	3.287
2507	21CA	4.138	2507	20C	4.173	2507		4.269
2507	21C	4.370	2507	19CD	4.416	2507	184NE1	4.459

### TABLE XXVIII

300 Publis					kan mengalari d	<ul> <li>125.76 (1951)</li> </ul>	taring the first term in the	
2507	210	4.466	2507	220	4.540	2507	21N	4.558
2507	19CG	4.663	2507	190E1	4.850	2507	184CD1	4.897
2507	19CB	4.977	25C8	19NE2	4.003	25C8	184NE1	4.235
25C8	19CD	4.404	25C8	200	4.665	25C8	190E1	4.715
25C8	220	4.861	25C8	210	4.937	25C8	184CE2	4.948
25C9	184NE1	3.199	25C9	19NE2	3.212	25C9	19CD	3.472
25C9	190E1	3.533	25C9	184CE2	4.000	25C9	184CD1	4.152
25C9		4.206	25C9	19CG	4.414	25C9	162NE2	4.653
25C9		4.860		162CD2	4.867	25C9	19CB	4.910
25C10	184NE1	3.388	25C10	184CZ2	3.605	25C10	19NE2	3.666
25C10	184CE2	3.828	25C10	162CD2	3.878	25C10	190E1	3.887
10 745 At A	162NE2		25C10	19CD	4.067	25C10	184CD1	4.615
	162CG	4.799	25C10	184CH2	4.859	25C10	162CE1	4.873
	184CZ2	4.084		184NE1	4.519	25C11	162CD2	4.567
	184CE2	4.664	25C11	19NE2	4.718	25C11	162NE2	4.920
	19NE2	4.978		162CD2	3.947	25S14	184CZ2	4.113
Ti	162CG	4.222	25S14	162CB	4.332	25S14	1610	4.574
	162NE2	4.657	25S14	1610D1	4.760	25S14	184CH2	4.865
, H. 1. 4. 4. 1. 1	184CZ2	3.079	25015	184CH2	3.580	25015	162CG	3.856
	162CD2	3.881	25015	1370	3.985	25015	162CB	4.051
		4.275	25015	137CB	4.300	25015	162ND1	4.343
	162NE2	4.364		1610D1	4.610	25015	162CE1	4.620
	137C			184NE1	4.807	25015	184CZ3	4.973
Berlin Berlin	1610D1		25016	1610	4.575	25016	161CG	4.963
	162CD2		25N17	- 1 W 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	3.217	25N17	1610	3.256
	162CB	3.276	25N17	162CA	3.672	25N17	162NE2	3.893
25N17		1 A C	25N17	25 <i>S</i> G	4.125	25N17	162N	4.251
25N17	162ND1	4.353		1610D1			162CE1	
25N17	184CZ2	4:778						
	25 <i>S</i> G							
	161C							
	25CB							
25C18	162N	4.597	25C19	25SG	1.931	25C19	25CB	3.158
25C19	162CD2	3.616	25C19	1610	3.716	25C19	19NE2	3.740
25C19	25N	4.227	25C19	25CA	4.306	25C19	23CA	4.380
25C19	162CA	4.405	25C19	230	4.494	25C19	23C	4.496
25C19	162CG	4.541	25C19	162NE2	4.577	25C19	19CD	4.643

			TABLE X	XVIII		
25C19	190E1	4.705	25C19 161C	4.813	25C19 162CB	4.819
25020	19NE2	2.778	25020 25 <i>S</i> G	2.890	25020 23CA	
25020	25CB	3.629	25020 23C	3.723	25020 19CD	3.918
25020	230	4.030	25020 25N	4.152	25020 190E1	
25020	24N	4.342	25020 162CD2	4.356	25020 23N	4.524
25020	25CA	4.566	25020 220	4.681	25020 1610	4.912
25C21	25SG	2.532	25C21 1610	3.420	25C21 230	4.107
25C21	25CB	4.220	25C21 23C	4.540	25C21 65CA	4.542
25C21	161C	4.578	25C21 23CA	4.599	25C21 162CA	4.793
25C21	25N	4.822	25C21 162CD2	4.980	25N22 1610	2.689
25N22	25 <i>S</i> G	2.783	25N22 161C	3.649	25N22 162CA	
25N22	162N	4.221	25N22 163N	4.453	25N22 25CB	4.578
25N22	162C	4.691	25N22 161CA	4.693	25N22 65CA	4.839
25C23	1610	3.461	25C23 25SG	3.771	25C23 161C	4.205
25C23	660	4.217	25C23 65CA	4.220	25C23 66N	4.268
25C23	162N	4.828	25C23 162CA	4.844	25C23 65C	4.845
25C23	26CD1	4.890	25C23 161CA	4.937	25C23 26CB	4.974
25024	65CA	3.024	25024 66N	3.208	25024 65C	3.657
25024	660	3.830	25024 65N	4.287	25024 26CD1	4.326
25024	25SG	4.394	25024 66CA	4.437	25024 1610	4.526
25024	66C	4.595	25024 640	4.818	25024 230	4.843
25024	26CG	4.879	25024 26CB	4.888	25024 650	4.923
25024	64C	4.972	25C25 1610	3.652	25C25 660	3.880
25C25	161C	3.949	25C25 162N	4.375	25C25 161CA	4.493
25C25	163N	4.584	25C25 25SG	4.592	25C25 162CA	4.608
					25C25 163CB	
25C26	660	3.186	25C26 163CB	3.703	25C26 26CB	3.850
25C26	163N	4.052	25C26 25SG	4.357	25C26 163CA	4.390
					25C26 162C	
					25C26 66N	
25C26	26N	4.729	25C26 26CG	4.770	25C26 162CA	4.869
25C26	161C	4.907	25C26 162N	4.970	25C26 26CD1	4.999
25C27	163CB	3.337	25C27 68SD	3.583	25C27 660	3.590
					25C27 68CE	
25C27	134CB	4.190	25C27 209CD2	4.248	25C27 26CB	4.361
					25C27 1620	
25C27	26CA	4.943	25C27 67CA	4.946	25C28 134CB	3.049

### TABLE XXVIII

				Contract to the contract of th	* * * * ·			
25C28	163CB	3.699	25C28	L63N	3.714	25C28	162C	3.789
25C28	1620	3.807	25C28	L63CA	3.820	25C28	209CD2	3.901
25C28	134CA	3.967	25C28	L62N	4.239	25C28	162CA	4.478
25C28	68CE	4.498	25C28	68SD	4.535	25C28	161C	4.582
25C28	660	4.956	25C28	134C	4.964	25C28	1610	4.966
25C28	161N	4.992	25C29	660	2.949	25C29	209CD2	3.567
25C29	68SD	3.617	25C29	67CA	3.759	25C29	67CD1	3.963
25C29	66C	3.998	25C29	68CE	4.231	25C29	67N	4.370
25C29	68N	4.410	25C29	67C	4.555	25C29	67CB	4.556
25C29	67CG	4.589	25C29 1	63CB	4.636	25C29	134CB	4.685
25C29	2340H2	4.722	25C29	26CB	4.726	25C29	67CE1	4.755
25N30	660	3.644	25N30	66N	4.623	25N30	1610	4.640
25N30	66C	4.640	25N30 1	61C	4.793	25N30	161CA	4.888
25N30	1600	4.908	25C31 1	600	3.792	25C31	161CA	4.412
25C31	160C	4.476	25C31 1	61C	4.719	25C31	660	4.743
25C31	161N	4.777	25C31 1	610	4.849	25C31	67CE1	4.934
25032	1600	2.720	25032 1	60C	3.270	25032	161CA	3.397
25032		3.577	25032 1	61C	3.869	25032	160CB	4.202
25032	1610	4.268	25032 1	60CA	4.363	25032	162N	4.395
25032		4.698	25C33	67CE1	3.801	25C33	1600	4.307
	67CZ	4.397	25C33	67CD1	4.397	25C33	670H	4.480
25C34	1600	3.849	25C34	67CE1	4.011	25C34	670H	4.411
25C34	67CZ	4.629	25C34 1	60C	4.805	25C34	67CD1	4.850
25C34		4.898	25C35	67CE1	3.694	25C35	670H	4.238
	209CD2	4.447	25C35	67CZ	4.449	25C35	67CD1	4.551
25C35		4.567	25C35 1	60CB	4.790	25C35	209CD1	4.791
25N36		4.470	25N36 1	60CB	4.515	25N36	160CD1	4.774
25N36	160CG	4.825	25N36	67CE1	4.846	25N36	670н	4.964
25C37		3.691	25C37_1	60CB	4.458	25C37	160N	4.495
25C37		4.634	25C37 1	60CA	4.822	25C37	160CG	4.973
25C37		4.994	25N38 1	600	3.211	25N38	160C	4.305
25N38	160CB	4.681	25N38 1	60N	4.817	25N38	160CA	4.898

TABLE XXIX

### Active site amino acid residues for Cathepsin K

ASN 18	GLN	19 GLY	20 GLN 21	
CYS 22	GLY	23 SER	24 CYS 25	Š
TRP 26	ALA	27 PHE	28 SER 29	
GLU 59	ASN	60 ASP	61 GLY 64	
GLY 65 ASN 70	2006 NAMES (1906)	66 TYR	67 MET 68	:
ASN 70 GLN 143		'보고 ' '	37 SER 138	·
ASN 161			59 LEU 160	÷
TRP 184	하는 걸 됐을 [기타하루		.63 SER 183	

### WHAT IS CLAIMED IS:

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1. A method of inhibiting cathepsin K which comprises administering to a mammal in need thereof a compound that fits spatially into the active site of cathepsin K, said compound comprising any two of the following:

- (i) an electrophilic carbon atom that binds to the side chain sulfur atom of cysteine 25 wherein said electrophilic carbon atom is 1.7-4.0Å from said sulfur atom:
- (ii) a hydrophobic group that interacts with tryptophan 184 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tryptophan 184 is 4.10-7.10Å;
  - (iii) a hydrophobic group that interacts with tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209, creating a hydrophobic pocket, and has distance ranges between the centroid of said hydrophobic group and the centroids of the side chain atoms of the amino acid residues of said hydrophobic pocket which are tyrosine 67: 4.91-5.91Å, methionine 68: 5.74-6.74Å, alanine 134: 4.15-5.15Å, leucine 160: 6.18-7.18Å, and leucine 209: 5.71-6.71Å;
  - (iv) a hydrophobic group that interacts with tyrosine 67 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tyrosine 67 is 4.10-7.10Å;
  - (v) an amino group with a pKa of less than 7 or an oxygen atom, each of which interacts with a hydrogen atom donated by the amide nitrogen of glycine 66 wherein the distance between these two atoms is 2.7-3.5Å;
- (vi) a hydrophobic group that interacts with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 wherein the distance between the centroid of said hydrophobic group and the centroids of glutamine 21, cysteine 22 and glycine 23 are 3.7-5.4, 4.9-5.7 and 5.4-6.7Å, respectively; or
- (vii) a hydrophobic group that interacts with the side chain atoms of glutamine 143 and asparagine 161 and the main chain of alanine 137 and serine 138 wherein the distance between the centroid of the hydrophobic group and the centroids of glutamine 143, asparagine 161, alanine 137, and serine 138 are 7.9-9.6Å, 4.7-5.4Å, 4.2-5.5Å, and 4.6-6.4Å, respectively.

2. A method of inhibiting cathepsin K which comprises administering to a mammal in need thereof a compound that fits spatially into the active site of cathepsin K, said compound comprising any three or more of the following:

- (i) an electrophilic carbon atom that binds to the side chain sulfur atom
  of cysteine 25 wherein said electrophilic carbon atom is 1.7-4.0Å from said sulfur
  atom;
- (ii) a hydrophobic group that interacts with tryptophan 184 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tryptophan 184 is 4:10-7:10Å;
- (iii) a hydrophobic group that interacts with tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209, creating a hydrophobic pocket, and has distance ranges between the centroid of said hydrophobic group and the centroids of the side chain atoms of the amino acid residues of said hydrophobic pocket which are tyrosine 67: 4.91-5.91Å, methionine 68: 5.74-6.74Å, alanine 134: 4.15-5.15Å, leucine 160: 6.18-7.18Å, and leucine 209: 5.71-6.71Å.
  - (iv) a hydrophobic group that interacts with tyrosine 67 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tyrosine 67 is 4.10-7.10Å;
  - (v) an amino group with a pKa of less than 7 or an oxygen atom, each of which interacts with a hydrogen atom donated by the amide nitrogen of glycine 66 wherein the distance between these two atoms is 2.7-3.5Å;

- (vi) a hydrophobic group that interacts with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 wherein the distance between the centroid of said hydrophobic group and the centroids of glutamine 21, cysteine 22 and glycine 23 are 3.7-5.4, 4.9-5.7 and 5.4-6.7Å, respectively; or
- (vii) a hydrophobic group that interacts with the side chain atoms of glutamine 143 and asparagine 161 and the main chain of alanine 137 and serine 138 wherein the distance between the centroid of the hydrophobic group and the centroids of glutamine 143, asparagine 161, alanine 137, and serine 138 are 7.9-9.6Å, 4.7-5.4Å, 4.2-5.5Å, and 4.6-6.4Å, respectively.
- 3. A method of inhibiting cathepsin K which comprises administering to a mammal in need thereof a compound that fits spatially into the active site of cathepsin K, said compound comprising:

(i) an electrophilic carbon atom that binds to the side chain sulfur atom of cysteine 25 wherein said electrophilic carbon atom is 1.7-4:0Å from said sulfur atom; and

- (ii) a hydrophobic group that interacts with tryptophan 184 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tryptophan 184 is 4.10-7.10Å.
- The method of claim 3 wherein said hydrophobic group that interacts with tryptophan 184 is an aromatic group.
- 5. The method of claim 4 wherein the centroid of said aromatic group that interacts with tryptophan 184 is 9.24-11.24Å from the centroid of said electrophilic carbon that binds to the side chain sulfur atom of cysteine 25.
- 15 6. The method of claim 3 wherein said electrophilic carbon that binds to the side chain sulfur atom of cysteine 25 is a carbonyl carbon.
  - 7. The method of claim 3 wherein the compound further comprises a hydrophobic group that:

has a centroid which is 5.44-6.94Å from said electrophilic carbon; interacts with tyrosine 67, methionine 68, alanine 134, leucine 160, and leucine 209, creating a hydrophobic pocket; and

has distance ranges between the centroid of said hydrophobic group and the centroids of the side chain atoms of the amino acid residues of said hydrophobic pocket which are tyrosine 67: 4.91-5.91Å, methionine 68: 5.74-6.74Å, alanine 134: 4.15-5.15Å, leucine 160: 6.18-7.18Å, and leucine 209: 5.71-6.71Å.

- The method of claim 7 wherein said hydrophobic group that interacts with said hydrophobic pocket is an isobutyl group.
- 9: The method of claim 3 wherein the compound further comprises a hydrophobic group that interacts with tyrosine 67 wherein the distance between the centroid of said hydrophobic group and the centroid of the side chain atoms of tyrosine 67 is 4.10-7.10Å.

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10. The method of claim 9 wherein said hydrophobic group that interacts with tyrosine 67 is an aromatic group.

- 11. The method of claim 3 wherein the compound further comprises an amino group with a pKa of less than 7 or an oxygen atom, each of which interacts with a hydrogen atom donated by the amide nitrogen of glycine 66 wherein the distance between these two atoms is 2.7-3.5Å.
- 12. The method of claim 3 wherein the compound further comprises a hydrophobic group that interacts with the main chain atoms of glutamine 21, cysteine 22 and glycine 23 wherein the distance between the centroid of said hydrophobic group and the centroids of glutamine 21, cysteine 22 and glycine 23 are 3.7-5.4, 4.9-5.7 and 5.4-6.7Å, respectively.
- 15. 13. The method of claim 12 wherein said hydrophobic group that interacts with glutamine 21, cysteine 22 and glycine 23 is an isobutyl group.
  - 14. The method of claim 3 wherein the compound further comprises a hydrophobic group that interacts with the side chain atoms of glutamine 143 and asparagine 161 and the main chain of alanine 137 and serine 138 wherein the distance between the centroid of the hydrophobic group and the centroids of glutamine 143, asparagine 161, alanine 137, and serine 138 are 7.9-9.6Å, 4.7-5.4Å, 4.2-5.5Å, and 4.6-6.4Å, respectively.
- 25 15. The method of claim 1 wherein the compound is:

  3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone;
  - 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone;
  - 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N-[N-(methyl)-L-leucyl)]-3-pyrrolidinone;
    - 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone; bis-(Cbz-leucinyl)-1,3-diamino-propan-2-one;

2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-Lleucinyl)]carbohydrazide;

- (IS)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide;
- 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)amino-propan-2-one; or
  - 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide; or a pharmaceutically acceptable salt thereof.
- 10 16. A composition comprising cathepsin K in crystalline form.
  - 17. The composition according to claim 16 wherein cathepsin K has an active site cavity formed by the amino acids in Table XXIX.
- 15. The composition of claim 17 wherein said active site is characterized by the coordinates selected from the group consisting of the coordinates of Tables I-X.
  - 19. A cathepsin K crystal.

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20. An isolated, properly folded cathepsin K molecule or fragment thereof having a conformation comprising a catalytically active site formed by the residues listed in Table XXIX, said active site defined by the protein coordinates of Table L

- 21. A peptide, peptidomimetic or synthetic molecule which binds with the active site cavity of cathepsin K according to claim 17.
- 22. A method of identifying an inhibitor compound capable of binding to,
  and inhibiting the proteolytic activity of, cathepsin K, said method comprising:
  introducing into a suitable computer program information defining an
  active site conformation of a cathepsin K molecule comprising a catalytically active
  site formed by the residues listed in Table XXIX, said active site defined by the
  protein coordinates of Table I, wherein said program displays the three-dimensional
  structure thereof:

creating a three dimensional representation of the active site cavity in said computer program:

displaying and superimposing the model of said test compound on the model of said active site;

5 assessing whether said test compound model fits spatially into the active site;

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preparing said test compound that fits spatially into the active site; using said test compound in a biological assay for a protease characterized by said active site; and

determining whether said test compound inhibits cathepsin K activity in said assay.

- 23. A peptide, peptidomimetic or synthetic molecule identified by the method of Claim 22.
- 24. A method of drug design comprising using the structural coordinates of a cathepsin K crystal to computationally evaluate a chemical entity for associating with the active site of cathepsin K.
- 25. The method according to claim 24, wherein said entity is a competitive or non-competitive inhibitor of cathepsin K.
  - A method for identifying inhibitors which competitively bind to the active site of a cathepsin K molecule or fragment thereof characterized by a catalytically active site formed by the residues listed in Table XXIX, said method comprising the steps of:

providing the coordinates of said active site of the protease to a computerized modeling system;

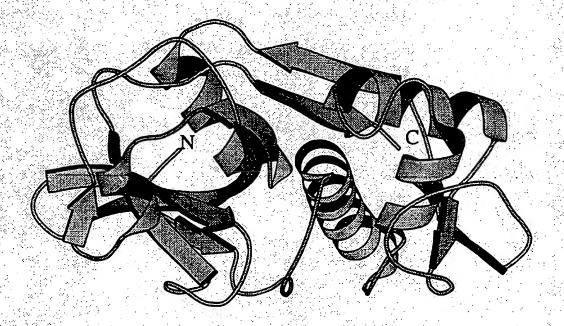
identifying compounds which will bind to the structure; and screening the compounds identified for protease inhibitory bioactivity.

# WO 97/16177 1/23 FIGURE 1 Sequence Comparison Between Cathepsin K and the Papain Superfamily of Cysteine Proteases

	-1				5	0			
Catı	t	HOGLKVLL	L PVVSF	A .LYPEEILD	T HWELMAKTH	R KO YNNKVD	E ISRRLIWEK	N LKYTSTHNT	E ASLGVHTYEL
CAL									E HSMCMHSYDL
Cati									E YREGKHSFTM
Papalz								· · · · · · · · · · · · · · · · · · ·	c. tremensile.
Actinidia	MGLPKSFVS	M SLLPPSTLL	LSLAFNAION	L TORTHDEVE	A MYESWLIKY	G KS YNSLGE	W ERRPETPEP	r Tamtaman	
Cets		A TLPLLCAGAS							
Cati				er Territoria filosofi erio defende alcomo	C 777 Y . 7 . 5		R PSPHPVSDEI		NGNHTPKM
									MUNUMENTINV
	10	0				150	)	1.15 1.15	2
CatX	AMBIHLGOHT:	S REVVOKMIGI	KVPLSHSRSI	DTLYIPEWE	RAPDSVDYRI	KG.YVTPVKI	i ococcecia	CCUCAT POOR	
Cats	GONILGIMT:	S EEVMSLTSSL	RVP . SQWQRA	IT.YKSNPNF	ILPDSVDWR	KG CVTEVK	OCCOSCIAL	CHANTEND	NUATGRILIN,
Catl	AMNAFGINT	S EEFRQVINGF	QNRKPRI	GKVFQEPLFY	EAPRSVIMRE	KG YVTPVIO	COCCECTA	CARCALEAUL	ALKIGKLVT.
Papain					C 1 (1 )		OGSCGSCHAP	and the same of th	
Actinidin	GLNQFADLT	EFRSTYLGF	TSGSNKTKV	SNRYEPRPGO	VLPSYVDWRS	AG AVVDIKS	OCECCOCATE	SVAAITERII	KINICHUNO.
Cati	ALNOFSDMSE	AEIKHKY	LWSEPONCSA	TKSNYLRGTG	PYPPSVDMRK	KGNEVSPUIC	OCACCCC	SALATVEGIN	KIVTGVLIS.
Cata	DMSYLKRLCG	TFLGGPKPPQ	RVMFTEDLKL	PASPDAR	· · · · · · · · · · · · · · · · · · ·		QGSCGSCWAP		
							Agactacian	ONAEVI2DKI	CINTNANVSV
		200					250		
Cata	LSPONLVDC	VSENDGC	GGGYMTNAPQ	YVOKNRGIDS	EDAY			GOZESCM	
Cats	21 Car 1 Car	STERYGNIKGC	y Clubatha Yel Manabasan	可能是有效的。2012年1月1日 - 1200年 - 12	Charles and the second				YNPTG
Catz	at the same of the same of	SGPQ . GNEGC	1 11. 13.3 2	32 6 7 3.76 7.16				ATEESCK	YDSKY
Pepein	ere talan ang esteri	DR. RSY GC	1,500,000,000,000,000,000	THEY SEE THE SECTION A		×		GVORYCR	YNPKY
Actinidia		GRIONTR.GC	tal Minuster (Artistus)	TO PROBLEM STATE				AQDGECN	SREKG
Catz		A. QDFNNYGC			1.30			GKDGYCK	LDLQN
Cata		CGSMCG. DGC				ROVETODERU			PQP.G
					l.		WANGSKEECT	GEGDIPKCSK	ICEPGYSPTY
			300				etij valid	12	
CALK	K. AAKCRGYR	ei pegnekal	KRAVARVGPV	SVAIDASLTS	FOFYSKGVYY	DESC NSDN	INHAUT AUGY	350	
Cats	R. AATCSKYT	ELPYGREDVL	KEAVANKGPV	SVGVDARHPS	PFLYRSGVYY	EPSC TON	THINKS THE VIEW	C Dimon	ENWIIKNSWG
CatL	S.VANDIGPV	DIP. KQEKAL	NKAVATVGPI	SVAIDAGHES	FLFYXEGIYF	EPDC SSED	MDRGUT UNGV	CPECTECTOR.	EIWLVKNSWG
Papein	PYAAKTDGVR	<b>O</b> AOBANIOCYT	LYSIAN.QPV	SVVLQAAGKD	POLYRCGIFY	GPC GNX	VINAVAAVCV	G E E E E E E	AIWLVANSWG
Actinidin	EKYVTIDIYE	NVPYMNEKAL	QTAVTY.QPV	SVALDAAGDA	FKHYSSGIPT	GPCGTA	IDHAUTTURY	C PDVVY	DWIVKNSWD
		NITIYDEEAM		ari ari da a da a	1.1		VNHAVLAVGY	:.	
Cata	KODKHYGYNS	YSVSNSEKDI	MAZIYKNGPV	EGAPSV. YSD	FLLYKSGVYO	HVTGEMMG	CHATRITICH	C IRNO	PIWIVANSWG
								JVENG1	FINLVANSKN
				400	· · · ·		430		
Cati	ENWGNKGYIL	MARNIONA	CGIANLASF	PKM					
		Marnikgnh							
		MAKDRRNH							
Pepain	TGWGENGYIR	IKRGTGNSYG	VCGLYTSSFY	PVXXI					
Actinidin	TTWGEEGYMR	ILRNVGGA.G	CCIATMPSY:	PVKYNNONHP	KPYSSLINPP	AFSHSKDGPV	GVDDGORYSA		
		IERGKN			3			•	1.7 v
Cath	THECONORED	<b>.</b>							

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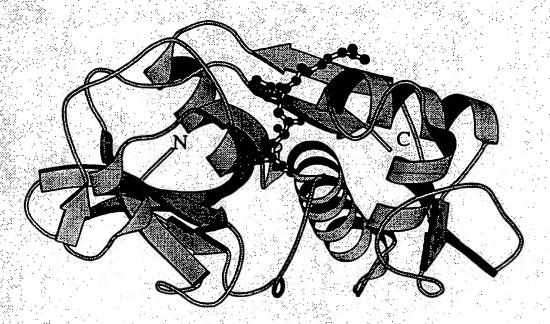
## FIGURE 2



Human Cathepsin K

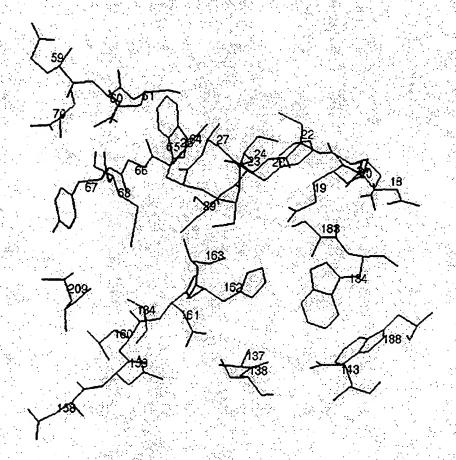
3/23

# FIGURE 3



Human Cathepsin K E-64

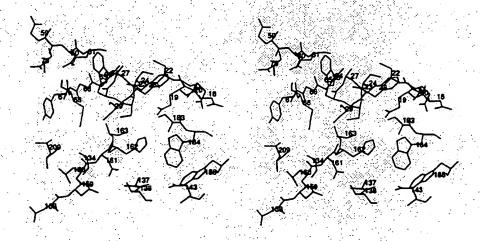
Figure 4a



Cathepsin K Active Site

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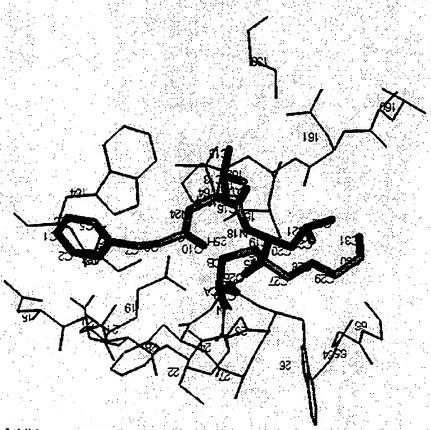
Figure 4b



Stereo View
Cathepsin K Active Site

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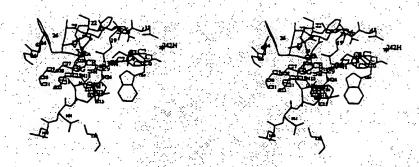
#### FIGURE 5a



Inhibitor = 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone

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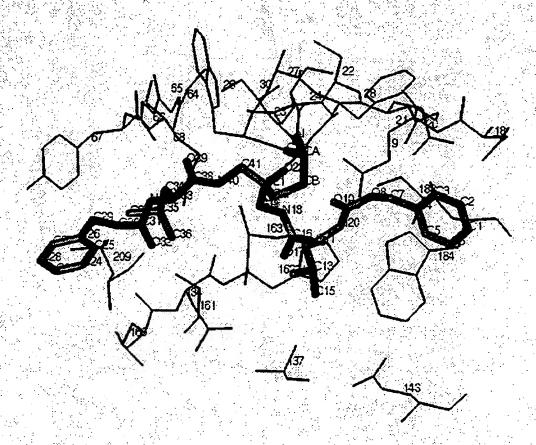
### FIGURE 5b



Inhibitor = 3(S)-3-[(N-benzyloxycarbonyl)-L-leucinyl]amino-5-methyl-1-(1-propoxy)-2-hexanone

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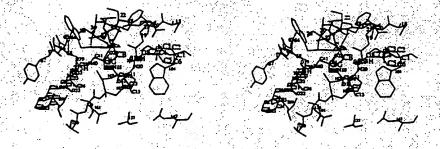
## FIGURE 6a



Inhibitor = bis-(cbz-leucinyl)-1,3-diamino-propan-2-one

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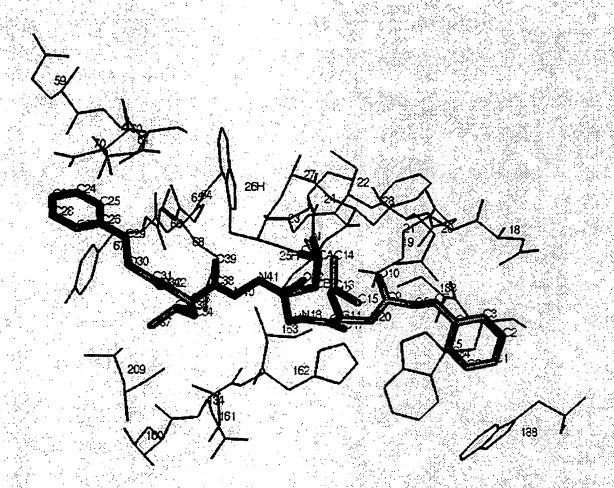
## FIGURE 6b



Inhibitor = bis-(cbz-leucinyl)-1,3-diamino-propan-2-one

10/23

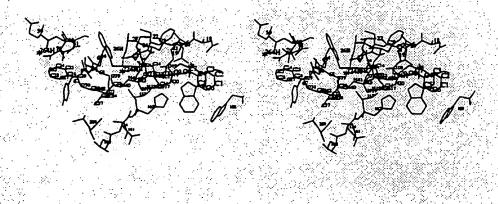
### FIGURE 7a



Inhibitor = 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide

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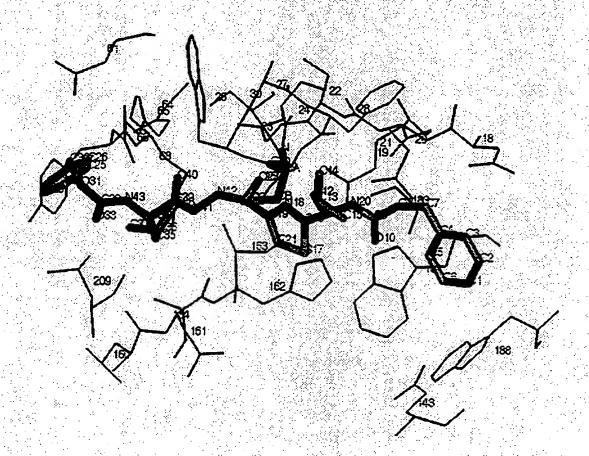
#### FIGURE 7b



Inhibitor = 2,2'-N,N'-bis-benzyloxycarbonyl-L-leucinylcarbohydrazide

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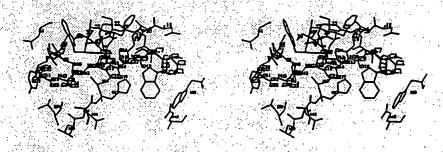
#### FIGURE 8a



Inhibitor = (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide

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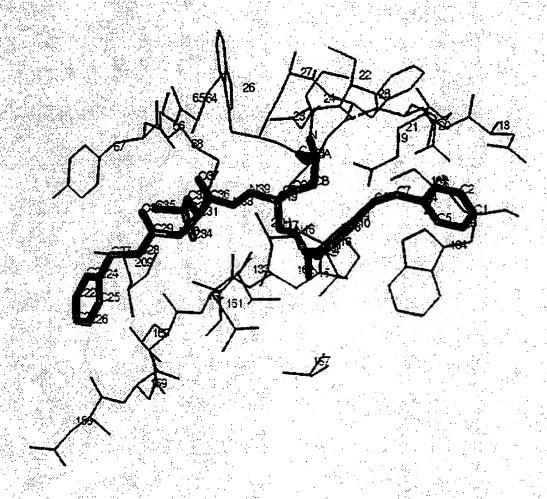
#### FIGURE 8b



Inhibitor = (1S)-N-[2-[(1-benzyloxycarbonylamino)-3-methylbutyl]thiazol-4-ylcarbonyl]-N'-(N-benzyloxycarbonyl-L-leucinyl)hydrazide

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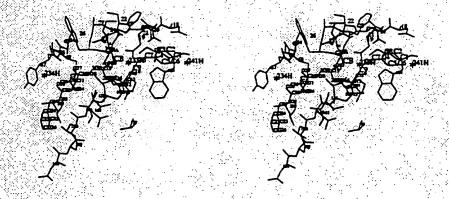
## FIGURE 9a



Inhibitor = 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide

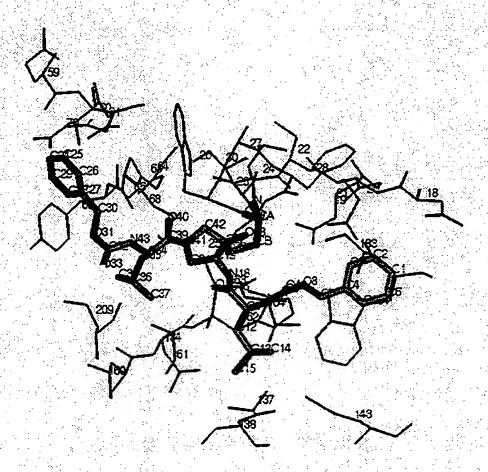
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## FIGURE 9b



Inhibitor = 2-[N-(3-benzyloxybenzoyl)]-2'-[N'-(N-benzyloxycarbonyl-L-leucinyl)]carbohydrazide

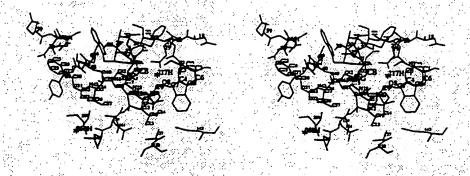
#### FIGURE 10a



Inhibitor = 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

#### 17/23

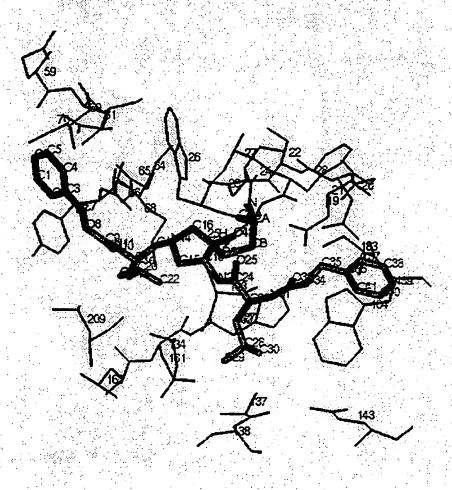
#### FIGURE 10b



Inhibitor = 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

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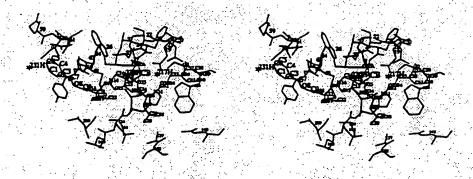
#### FIGURE 11a



Inhibitor = 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyriolidinone

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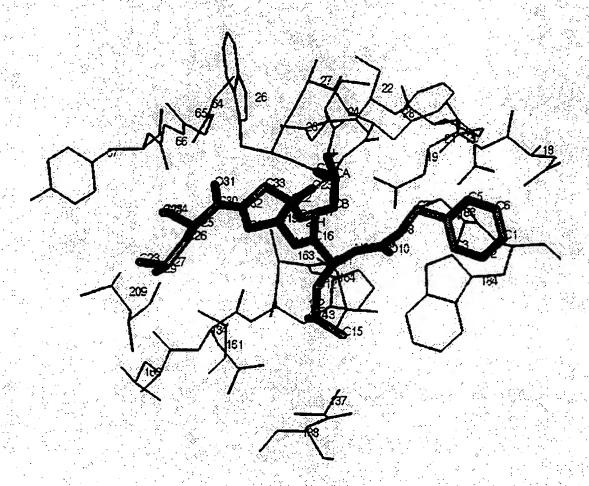
#### FIGURE 11b



Inhibitor = 4-[N-[(4-pyridylmethoxy)carbonyl]-L-leucyl]-1-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-3-pyrrolidinone

#### 20/23

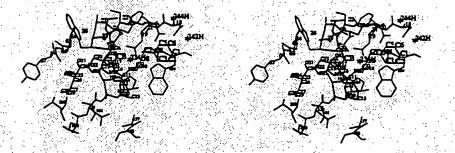
#### FIGURE 12a



Inhibitor = 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone

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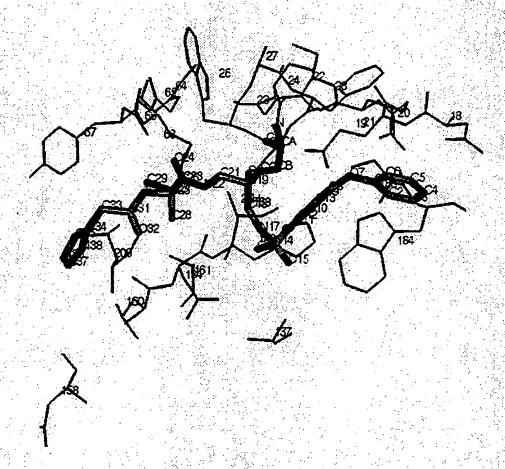
#### FIGURE 12b



Inhibitor = 4-[N-[(phenylmethoxy)carbonyl]-L-leucyl]-1-N[N-(methyl)-L-leucyl)]-3-pyrrolidinone

#### 22/23

## FIGURE 13a



Inhibitor =1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one

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#### FIGURE 13b



Inhibitor = 1-N-(N-imidazole acetyl-leucinyl)-amino-3-N-(4-phenoxy-phenyl-sulfonyl)-amino-propan-2-one

#### INTERNATIONAL SEARCH REPORT

Form PCT/ISA/210 (second sheet)(July 1992)\*

International application No.
PCT/US96/17512

	ASSIFICATION OF SUBJECT MATTER :Please See Extra Sheet.		
US CL	:435/23, 24, 212, 226, 514/19, 365, 370, 400, 615, 61		
N THE 25 THE	to International Patent Classification (IPC) or to both a	tional classification and IPC	
	LDS SEARCHED		
	documentation searched (classification system followed b	은 이렇게 없다는 바람들이 없는 하다니다.	
U.S. :	435/23, 24, 212, 226, 514/19, 365, 370, 400, 615, 617		
Document	tion searched other than minimum documentation to the e	xtent that such documents are include	d in the fields searched
Electronic	data base consulted during the international search (name	e of data base and, where practicable	, search terms used)
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C. DO	CUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appro	opriate, of the relevant passages	Relevant to claim No
Y	OXENDER et al. Protein Engineerin Liss, Inc. 1987, page 8, see entire		16-20
Y, P	US 5,500,807 A (LAVIN ET AL) 19 March 1996 (19/03/96), column 7, lines 12-36, column 9, lines 1-56.		22-26
	US 5,331,573 A (BALAJI ET AL) 19 column 8, line 1 - column 9, line 63	) July 1994 (19/07/94),	22-26
/, P	US 5,501,969 A (HASTINGS ET (26/03/96), column 2, lines 35-43, column 12, line 28.	AL) 26 March 1996 column 11, line 28 -	1-14, 16-26
X Purth	er documents are listed in the continuation of Box C.	See patent family annex	
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## INTERNATIONAL SEARCII REPORT

International application No. PCT/US96/17512

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim I
<b>C</b>	US 5,424,325 A (ANDO ET AL) 13 June 1995 (13/06/95), column 1, lines 5-9, column 2, line 62 - column 3, line 5, column 4, lines 6-53.	21,23
	US 5,422,359 A (ANDO ET AL) 06 June 1995 (06/06/95), column 1, lines 5-9, column 2, line 62 - column 3, line 5, column 4, lines 7-52.	21,23 1-14
	US 5,223,486 A (GORDON ET AL) 29 June 1993 (29/06/93), column 3, lines 26-44, column 4, lines 36-42.	21,23 1-14
	US 5,395,824 A (HIGUCHI ET AL) 07 March 1995 (07/03/95), column 2, line 1 - column 3, line 14.	21,23
<b>, P</b>	BOSSARD et al. Proteolytic Activity of Human Osteoclast Cathepsin K. The Journal Of Biological Chemistry. 24 May 1996, Volume 271, Number 21, pages 12517-12524.	1-14
	DESJARLAIS et al. Using Shape Complementarity as an Initial Screen in Designing Ligands for a Receptor Binding Site of Known Three-Dimensional Structure. Journal of Medicinal Chemistry. 1988, Volume 31, Number 4, pages 722-729, especially the abstract.	22-26
P	BROMME et al. Peptidyl vinyl sulphones: a new class of potent and selective cysteine protease inhibitors. Biochemical Journal.	21,23
P	1996, Volume 315, pages 85-89, especially the abstract, Figure 1.	1-14
	VELASCO et al. Human Cathepsin O. Molecular Cloning From a Breast Carcinoma, Production Of the Active Enzyme In	21,23
	Escherichia Coli, And Expression Analysis In Human Tissues. The Journal Of Biological Chemistry. 28 October 1994, Volume 269, Number 43, pages 27136-27142, especially the abstract.	16-20
	MAGRATH et al. Cysteine Protease Inhibition by Azapeptide Esters. Journal Of Medicinal Chemistry. 1992, Volume 35,	21, 23
	Number 23, pages 4279-4283, especially page 4281, column 1, structures 1-4 and 7.	1-14
	GRAYBILL et al. Synthesis And Evaluation Of Azapeptide- Derived Inhibitors Of Serine And Cysteine Proteases. Bioorganic	21, 23
	& Medicinal Chemistry Letters. 1992, Volume 2, Number 11, pages 1375-1380, especially page 1377, Scheme I.	1-14

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/US96/17512

A CLASSIFIC	ATION OF SUBJECT MATTER:	
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A61K 31/16, 31	/165, 31/415, 31/425, 38/05; C12N 9/48, 9/64; C12Q 1/37	되겠다면 이 경기 등을 가는다.
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		경찰(사람이 그 글리트 - 사용
	그 경기 아이라는 생기의 발생하였다. 전쟁 방안 되었다는데	
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	보다 그 경기 소금를 만했다고 그렇게 있다. 양주	
		[유명· 사람 기업
**	그 그 그 사는 이 집 회사인 문화화학을 계계하다라요.	
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